SCIENCE CITATION INDEX

1970 GUIDE & JOURNAL LISTS

SCIENCE CITATION INDEX®

1970 GUIDE

& JOURNAL LISTS

Indexes included in the 1970 *SCI*®:

CITATION INDEX
ANONYMOUS CITATION INDEX
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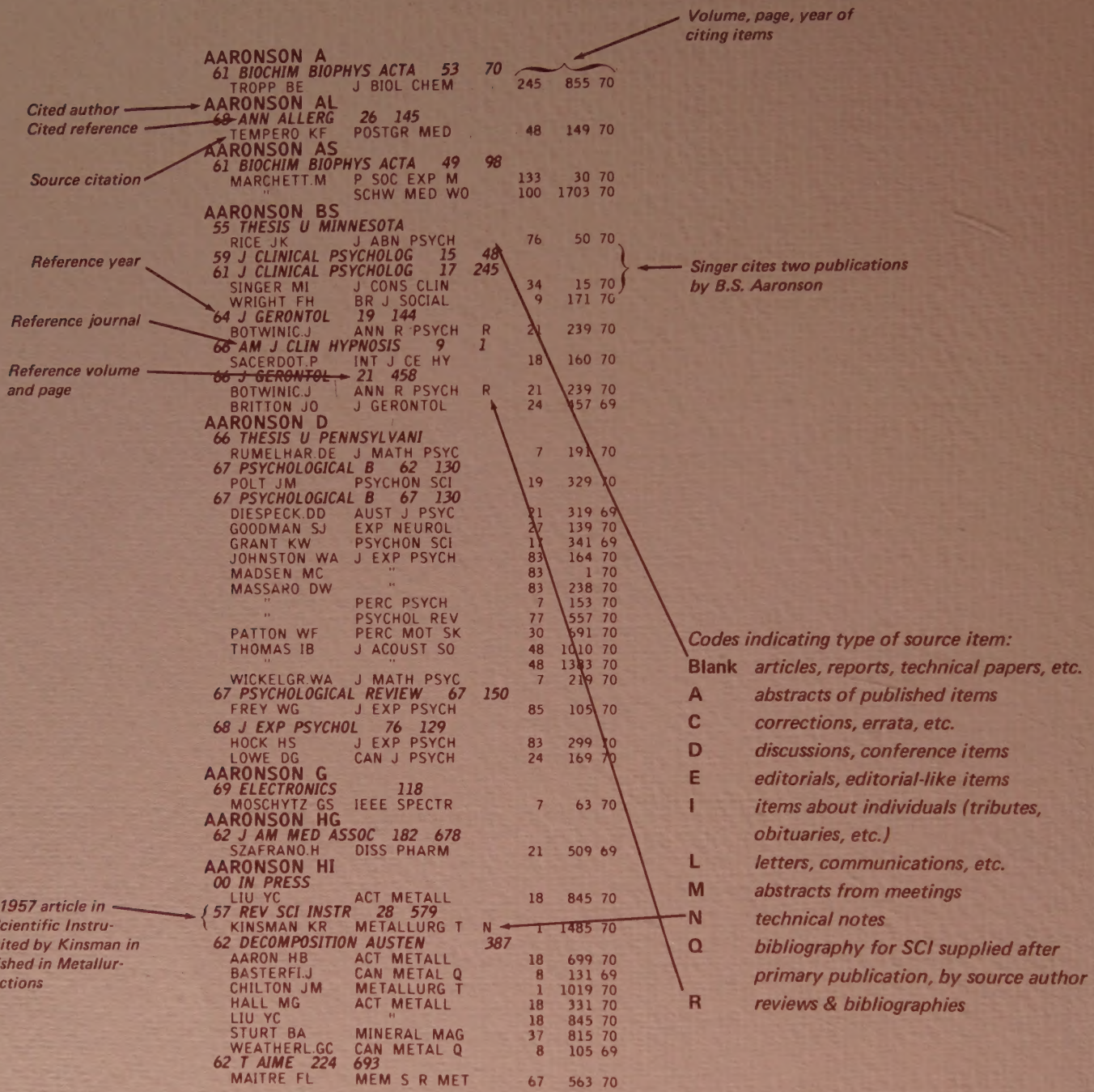
PERMUTERM® SUBJECT INDEX

ISI® Institute for Scientific Information
325 Chestnut Street, Philadelphia, Pennsylvania 19106

Citation Index

To find source items that cite a specific paper:

1. *locate cited author*
2. *locate reference year*
3. *locate reference publication, volume, and page*
4. *note that source (citing) items follow reference (cited) items*



AARONSON A
61 BIOCHIM BIOPHYS ACTA 53 70
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MARCHETT.M P SOC EXP M 133 30 70
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55 THESIS U MINNESOTA
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RUMELHAR.DE J MATH PSYC 7 191 70
67 PSYCHOLOGICAL B 62 130
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DIESPECK.DD AUST J PSYC 21 319 69
GOODMAN SJ EXP NEUROL 27 139 70
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MASSARO DW " 83 238 70
" PERC PSYCH 7 153 70
" PSYCHOL REV 77 557 70
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" " 48 1383 70
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FREY WG J EXP PSYCH 85 105 70
68 J EXP PSYCHOL 76 129
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LOWE DG CAN J PSYCH 24 169 70
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CHILTON JM METALLURG T 1 1019 70
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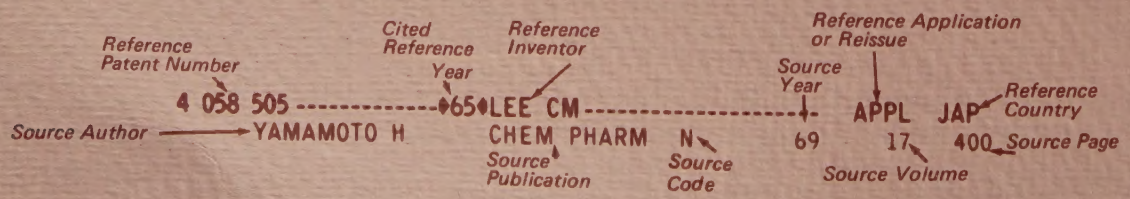
LIU YC " 18 845 70
STURT BA MINERAL MAG 37 815 70
WEATHERL.GC CAN METAL Q 8 105 69
62 T AIME 224 693
MAITRE FL MEM S R MET 67 563 70

To locate sources that cite a particular work, first look for the name of the cited or reference author in bold roman capital letters on the left. For each cited paper by that author there is a line in bold italics, giving reference year, title abbreviation, volume and page numbers. When the same reference has been cited more than once, the source citations are arranged alphabetically by first author. Each source citation gives the name of the first author, followed by journal title abbreviation, source item type code, and volume, page, and year. Though only first authors are given in the *Citation Index* proper, all authors will be listed in the *Source Index*.

Patent Citation Index

When a patent is cited in a source item the arrangement of the information is altered slightly. As shown in the example below, the cited patent number is used in place of the authors last name. The Patent Section is numerically arranged. Additional information is displayed in sequence as: cited reference year, inventor's name, country of issuance, and application or reissue status.



How to Do a Search

Starting point for most searches in the *SCI* is a specific work. For example, suppose you are interested in the subject of the Lederbergs' 1952 article, "Replica plating and indirect selection of bacterial mutants."

REPLICA PLATING AND INDIRECT SELECTION OF BACTERIAL MUTANTS

JOSHUA LEDERBERG AND ESTHER M. LEDERBERG

Elective enrichment is an indispensable technique in bacterial physiology and genetics (van Niel, 1949). Specific biotypes are most readily isolated by the establishment of cultural conditions that favor their growth [illegible] been repeatedly questioned, however, whether a se[illegible] not only select but also [illegible]

JOURNAL OF BACTERIOLOGY Vol. 63, No. 3, March, 1952

In the *SCI*®, this subject is identified by the specific citation:

LEDERBERG J
52 J BACT 63 399

To find where a specific paper, book, thesis, or technical note, etc. has been cited in a current journal article, **look in the *Citation Index* section of the *SCI* under the specific citation.**

LEDERBERG J
52 GENETICS 37 720

OHTSUBO E	GENETICS	64	173	70
SUSMAN M	ANN R GENET R	4	135	70
VAPNEK D	J MOL BIOL	53	287	70
WHITEHOU HL	BIOL REV R	45	265	70
52 J BACT 63 399				
ADAMS JN	PNEUMONOL P	142	164	70
BAXTERGA KL	**ARCH MIKROB**	**71**	**40**	**70**
BILLING E	J APPL BACT	33	478	70
BRACCO M	SC J RESP D	1970	285	70
CANNON RY	J MILK FOOD	33	197	70
COLWELL RR	J BACT	104	410	70
DAVID HL	APPL MICROB	20	810	70
DAVIS CE	N ENG J MED	282	117	70
DEVILLE RR	ANN IN PAST	119	492	70

Any article *cited* during the period indexed is listed alphabetically by name of first author. Cited works by that author are arranged chronologically, their citations printed in bold italic. Beneath the cited item, you will find a list of current *citing* articles. In this case, the 1952 Lederberg article in *Journal of Bacteriology 63,* 399 was cited in 1970 by (among many others) K.L. Baxter-Gabbard in the *Archiv fur Mikrobiologie, 71,* 40. Citing items other than substantive journal articles are characterized by a code indicating the nature of the item--whether a review article, letter, editorial, technical note, etc. In this case, the lack of such a code indicates a substantive journal article.

To find journal articles and other items published by a particular organization, **look in the *Corporate Index* under the organization's name.**

IOWA STATE UNIV,DEPT ANIM SCI, AMES

ANDERSON LL	FED PROC M	70	29	A705
ANDRUS DF	J DAIRY SCI	70	53	764
IOWA STATE UNIV,DEPT BACTERIOL, AMES				
BAXTERGA KL	ARCH MIKROB	70	71	40
FOCHT DD	CAN J MICRO	70	16	309
TRENK HL	APPL MICROB	70	19	781
IOWA STATE UNIV,DEPT BIOCHEM & BIOPHY				
ARAKAWA N	BIOC BIOP A	70	200	284

To find the full titles, coauthors, and bibliographic data for the citing work or works attributed to an organization, **look in the *Source Index* under the name of the first author.**

BAXTER TJ
RENAL CHANGES IN AN INFANT WITH DOUBLE AUTOSOMAL TRISOMY AND MOSAICISM - A MICRODISSECTION STUDY
AUST AN MED 19 197 70 M NO R N2
see MITCHELL JD ARCH DIS CH 45 376 70

BAXTER WD
see CHERNEY DD ACT ANATOM 75 225 70

BAXTERGA KL
PATTEE PA—PURINE BIOSYNTHESIS IN STAPHYLOCOCCUS-AUREUS
ARCH MIKROB 71 40 70 16R N1

BAXTERGR DL
ENZYME HISTOCHEMISTRY AND HORMONES OF DEVELOPING GASTROINTESTINAL TRACT OF CHICK EMBRYO .3. ENTEROCHROMAFFIN CELLS - THEIR POSSIBLE PRODUCTS, GLUCAGON, 5-HYDROXYTRYPTAMINE AND RELATION OF MONOAMINE OXIDASE
HISTOCHEMIE 21 129 70 10R N2

All the current articles published in the period indexed are listed alphabetically by first author. The *full title,* as in the Baxter-Gabbard article above, is given (or an English translation of titles in other languages), along with *all* coauthors, and journal, volume, page, year, and number of references cited. Items other than substantive journal articles are coded, e.g., *C* for *correction, R* for *review, L* for *letter, M* for *meeting.* The *SCI Source Index* is essentially a calendar year *author index* covering *all* journal items processed by the closing date for the current year. All journal issues available for any given year are included in the latest *SCI Annual.* The *SCI Source Index* can also be used independently of the *Citation Index.* While the *Citation Index* is a *subject index,* the *Source Index* is the comprehensive *author index* of science. All coauthors are cross-referenced to first-author entries.

Corporate Index Section

Under the name of each organization you will find citations for all items attributed to the organization and published during the period indexed. In this example the 1970 article by Baxter-Gabbard and Pattee is listed under Iowa State University, Department of Bacteriology, Ames, Iowa 50010, along with other articles attributed to that Department and University.

Conventions Used in the Citation Index

AUTHORS' NAMES

The elements of compound names are fused; hyphens in compound names are dropped before fusing. Thus, *H. Avery Jones* appears as *AVERYJONES H; J. Smith-Wright,* as *SMITHWRIGHT J.* Conjunctions in compound names are not dropped; thus, *Jose Perez y Mendez* will appear as *PEREZYMENDEZ J.*

The treatment of particles in proper names is a difficult problem; in general the style of the author himself is followed, as far as it is possible to determine it. In general, this means that capitalized particles are treated as part of the last name and fused; non-capitalized particles are not considered part of the last name, and the initial letter of the particle, or of the first of several particles, will appear as an initial. Thus, *Robert La Follette* would appear as *LAFOLLETTE R;* while *Hermann Ludwig von Helmholtz* would appear as *HELMHOLTZ HLV.* The particles of Dutch names, whether capitalized or not, are generally considered part of the last name and are fused. Where there are particles of which some other than the first is capitalized, as in *Robert de La Salle,* the last name begins with the capitalized particle which is fused; thus *LASALLE RD.*

Names of religious are provided with an arbitrary X which appears as a second initial following the initial of the author's religious title. Thus, *Sister Mary Theresa* would appear as *MARYTHERESA SX; Mother Joseph Martyr* would appear as *JOSEPHMARTYR MX.*

YEAR

Note that only the last two digits of the reference year are processed and, therefore, the century is not specified.

REFERENCE PUBLICATION

The following list of abbreviations are substituted for the corresponding words when describing the title of the reference publication.

B - Bulletin, Bolletin
C - Congress, Conference
CENT - Center
CO - Company
DEP - Department
F - Foundation
I - Institute
INT - International
J - Journal
K - Kongress
LTD - Limited
M - Meeting
P - Proceedings
S - Symposium
SCH - School
T - Transactions
U - University
Z - Zeitschrift
ZH - Zhurnal

When the reference publication is a numbered meeting, technical report or such, the identifying number or acronym number combination is presented first, and the rest of the information systematically abbreviated.

SYSTEMATIC ABBREVIATION

This abbreviation consists of truncating each word just short of the second vowel group.

VOLUME AND PAGE

Note that whenever letters are presented with volume or with page numbers the alphabetical information always precedes the numbers.

In the source page field
S - signifies supplement
U - signifies unnumbered page and the nearest numbered page is indicated
R - indicates a Roman numeral page converted here to Arabic numerals

TYPE OF SOURCE ITEM

Each source item in the 1969 *Science Citation Index®* is categorized by an arbitrary code appearing immediately before the source year. Since they are the most frequent, a blank code is given for those source items which are the usual type of original article, report, or paper. The codes for other types of sources are:

A - *Abstracts*--identifies a journal feature containing abstracts of items published elsewhere
C - *Corrections* of previously published material; includes errata
D - *Discussions* involving several people; includes post-paper discussions, round table symposia, clinical conferences, etc.
E - *Editorials* and nondescript editorial-like items, such as addresses by chairmen of societies, descriptions of the results of a meeting, etc.
I - *Individuals*--items such as substantive obituaries, awards, tributes, biographies, etc.
L - *Letters,* letters to the editor, communications, preliminary communications and similar correspondence
M - *Meetings*--items reported in proceedings from meetings
N - *Notes*--the type of brief article so designated by the journal including some communications
Q - *Bibliography* for SCI supplied after primary publication by source author
R - *Reviews,* certain bibliographies and surveys.

SCIENCE CITATION INDEX®

1970

SCI®

Annual

An International Interdisciplinary Index to the Literature of Science, Medicine, Agriculture, Technology, and the Behavioral and Social Sciences.

GUIDE

and

JOURNAL LISTS

This distinctively printed 1970 *Science Citation Index Guide and Journal Lists* is a complete introductory text for the ten volume 1970 Annual *SCI* Cumulation. It is provided as a separate publication for the convenience of subscribers in teaching the uses of the *Science Citation Index* and for bibliographic purposes such as checking library holdings against *SCI* coverage.
Subscribers may obtain additional copies without charge by writing the Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pa. 19106. Non-subscribers may obtain copies at $2.00 each.

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SCIENCE CITATION INDEX®

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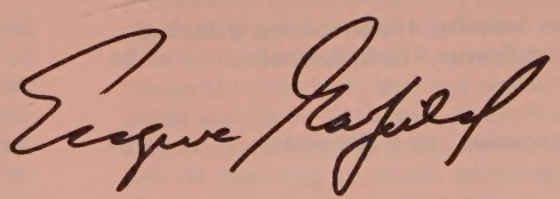
The Publisher's Page

With this 1970 *Annual Cumulation* of the *Science Citation Index®* *(SCI®)*, the Institute for Scientific Information has reached a significant point in the development of this unique system for coverage and organization of the scientific literature. At its initial appearance, the *SCI* was greeted with some bewilderment and not a little skepticism, even as a tool useful for its primary purpose of information retrieval. Since that time, the *SCI* has come to be one of the "conventional indexing systems"[1] necessary to the reference armamentarium of any scientific library. Further, its use has been extended from literature searching to innovative investigations in the history and sociology of science[2]. (This latter capability is a direct result of the interdisciplinary coverage that has been a distinguishing characteristic of the *SCI* since its inception.) Many of these studies have appeared in sociology and related journals, and they have provided almost incontrovertible support to the claim that citation analysis correlates quite well with other more subjective analyses.

The sociologic impact of the *SCI* has prompted us to extend our coverage of the behavioral and social sciences. Although behavior and psychology have been well represented among *SCI* journals, other areas of the social sciences have not, a situation we have begun to remedy. The major sociology journals have now been added to the *SCI*, and all the 1970 and 1971 issues of these will be processed for the *1971 Quarterlies* and *Annual Cumulation.* Additions from other areas of the social sciences, such as economics and political science, will be made as production schedules and costs allow.

Even the casual user will note immediately striking changes in the format of all sections of the *SCI.* This year's *Annual Cumulation* will, I am sure, prove the most legible and, therefore, the easiest to use of any yet published, even though its ten volumes contain more information than any previous *Annual.* Legibility of the *SCI* has admittedly always been a central problem, because an acceptable pricing structure has required us to put ever larger amounts of information into about the same or even a lesser number of volumes. The 1969 ten-volume *Annual,* for example, contained about 40,000 more source items and about 152,000 more citation entries than the eleven-volume 1968 *Annual* which preceded it. This 1970 *Annual* contains an additional 20,000 source items and an additional 125,000 citation entries within the same ten volumes as the 1969 *Annual.* The user, however, will find that the new formats have not only absorbed this increased material, but present it in a size and clarity that all users will welcome heartily. ISI's pioneering work in the use of photocomposition for index preparation showed preliminary results in the 1968 and 1969 *Annual Cumulations.* The user will find in this 1970 *Annual Cumulation* a greatly developed and distinctive use of different sizes and styles of type, the result of a considerable investment in new computer and photocomposition software. The changed formats are displayed on the end-papers of the different volumes, and explained in the introductory material.

I should like here also to announce developments of which some subscribers may be unaware. In the fall of 1971, ISI will publish a *Five-Year Cumulation* (1965-1969) of the *Source Index* and *Citation Index* sections of the *SCI.* The *Cumulation* will, of course, be much easier to use then the *Annuals* it replaces, not only because of the unification of material, but also because it will share with the 1970 *Annual* the improvements in format and typography that users will find here for the first time. In addition, work is well under way in preparation of the *SCI* covering the years 1962 and 1963. These *Annuals* will be available in 1972.



Eugene Garfield, Ph.D.
President and Publisher

1, Meetham, A.R. Communication theory and the evaluation of information retrieval systems. *Information Storage and Retrieval* 5(3): 129-134 (1969).

2. Garfield, E. "Citation indexing, historio-bibliography, and the sociology of science" in *Proceedings of the Third International Congress of Medical Librarianship (Amsterdam, 5-9 May 1969),* ed. by K. Ellison Davis & W.D. Sweeney. (Excerpta Medica, Amsterdam, 1970), pp. 187-204.

Table of Contents

Alphabetic Index

SCIENCE CITATION INDEX®
General Introduction

The *SCI* is a calendar-year index. With minor exceptions, each quarterly or annual includes all issues of journals published and available during the time period covered. Journal selection has placed an important emphasis on the multidisciplinary journals in order to provide the broadest coverage and to enable the searcher to obtain information across disciplines. Each journal receives comprehensive treatment so that doubts as to whether any particular article was indexed are eliminated. Comprehensive treatment also means processing all material that has substantive information. All possibly useful items, including editorials, letters, meeting reports, critical reviews, and so on, are processed, leaving nothing to chance; only ephemeral items such as advertisements and news notices are omitted.

The *Citation Index* of the *Science Citation Index.* The *Citation Index* provides indexing entries to the current literature by means of the ordered listing of all items cited during a current year. It is arranged alphabetically by cited author and within this arrangement chronologically by cited year. A citation to a reference contains the cited reference year, the author's name and initials, the publication name, volume, and page number. Under the name of each cited author appears the source article citing this work. This line is arranged by citing author's name, publication, code identifying type of source item, volume, page, and citing year. Only the first author for both the cited and citing articles is given in the *Citation Index.* While reference years may be any year in recorded history, the source year is always the current year. The form of the source article, i.e., letter, editorial, etc., is indicated by a code appearing just after the source title.

The *Citation Index* contains a section for anonymous items (no personal author specified for the cited work). These items are arranged alphabetically by the titles of the cited publications. Within each title the arrangement is chronological by year of publication, and within each given year by the reference volume and page number.

The *Patent Citation Index* of the *Science Citation Index* is a listing of foreign and domestic patents that have been cited or referred to in any of the foreign or domestic journals covered by the *SCI.* The index is arranged in numerical order by patent number and usually provides also the year of issuance, the inventor's name, and country.

The *Source Index* of the *Science Citation Index.* The *Source Index* provides a complete author index to the current literature and a full description of each citing item. This *Index* contains all source items processed for the *SCI,* arranged by author. The entries include all coauthors of items (maximum of ten), the title of the article, journal name, title, volume, page number, year, type of item (review, letter, correction, etc.,) number of references in the bibliography of the source, the issue number, part or supplement number. Cross-references for every coauthor are provided, even though the primary entries only list a maximum of ten. The "see reference" refers the user to the first author, journal, volume and page. Anonymous source articles appear at the beginning of the *Source Index* and are arranged by journal, volume and page.

The *Corporate Index* of the *Science Citation Index®.* The *SCI* also contains a *Corporate Index* in which all items published in the source journals processed are listed under the organization where work was performed. The *Index* will indicate under each organization the names of staff who have authored articles, indicating journal, volume and page.

The *Permuterm® Subject Index* of *Science Citation Index®.* The *Permuterm Subject Index* is an alphabetic list of significant words extracted from the titles of all source items processed for the *SCI.* Each significant word from a title (as a *primary term* or main entry) is paired with every other significant word in the title (as a *co-term* or subordinate entry) with reference from each such coordination to the first author of an item listed in the *Source Index.*

Undertaking a Search in the SCI

Using the *Science Citation Index* is a relatively simple affair. In a citation index the subject of a search is symbolized by the starting reference rather than a word or subject heading. Searching, consequently, is independent of special nomenclatures or artificial languages. The searcher starts with a reference or an author he has identified through a footnote, book, encyclopedia or conventional word or subject index. He then enters the *Citation Index* section of the *Science Citation Index* and searches for that particular author's name. When he locates the author's name, he then checks to see which of several possible references fits the particular one that he is interested in. Under the year, journal, volume and page number of this particular reference, he then looks to see who has currently cited this particular work. Having noted the bibliographic citations of the authors who are citing the work with which he started, the searcher then turns to the *Source Index* section and obtains the complete bibliographic data for the works which he has found.

Citation indexing is highly specific, but a search may also be readily expanded in order to build a more extensive bibliography for a particular inquiry. For example, having found a number of source articles, the searcher can use the bibliographies of one or several of these as other entries into the *Citation Index;* this process is called "cycling." Since authors frequently write more than one closely related paper, additional articles by the author of the first starting reference can also be used as entry points, and citations to these articles can be examined to obtain additional information. The *Source Index* itself may yield relevant current articles by a given author, even though they may not cite any of the known starting references.

The fundamental question one can answer quickly through the *Citation Index* is where and by whom has this paper

been cited in the literature? The *SCI* is also used by scientists to determine whether their work has been applied or criticized by others. It can facilitate feedbacks in the communication cycle. Any author may choose to ignore the citations to his own work and still use the *Index* to retrieve publications which cite work by other scientists. The *SCI*® can be used to identify scientists currently working on special problems or to determine whether a paper has been cited, whether there has been a review of a subject, whether a concept has been applied, a theory confirmed, or a method improved. Because indications of corrections are published in the *SCI,* it is useful as an aid in following particular articles. Only the user's imagination limits the extent to which the *SCI* can be a useful tool for the scientist and librarian. Questions that the *SCI* can answer are:

-Has this paper been cited?
-Has there been a review on this subject?
-Has this concept been applied?
-Has this theory been confirmed?
-Has this work been extended?
-Has this method been improved?
-Has this suggestion been tried?
-Has this patent been cited in the journal literature?
-Is there a new synthesis for this old compound?
-Has this chemical been tested for biological activity?
-Has this drug had a clinical evaluation?
-Is this idea really original?
-Was this "to-be-published" paper published and where?
-Where's the full paper for this preliminary communication?
-Has this technical report been published in a journal?
-Have there been subsequent errata and correction notes published?
-Where are the data for an introduction to this paper?
-Where are the raw data for a review article on this subject?
-Is there sufficient new information to warrant up-dating a chapter in a book?
-What are the raw data for an analytical historical network diagram?
-Who else is working in this field?
-Are there data to delineate this field of study?
-What are some potential new markets for this instrument?
-What published work originated from this organization?
-Has this article been abstracted in primary journals?
-Has this product been applied to a new field?
-What are all the current works in which this man is primary author?
-What are all the current works in which this man is secondary author?
-What older works has this man written?
-Have this man's works been compiled?

The usefulness of the *SCI* can best be illustrated by conducting a hypothetical search.

The interest of the searcher is in life-like forms in meteorites. He has a starting reference, an article by Harold C. Urey published in *Science,* 1962, Volume 137, pages 623-628. To determine what other work has been done in this particular area, the searcher goes to the *Citation Index* and looks under Urey identifying the '62 *Science* article. Indented under this particular citation is a citation to a work by Mueller, G., that appeared in *Nature,* 1965, Volume 205, page 1200. Moving from the *Citation Index* to the *Source Index,* one looks under Mueller, finds the particular journal, year, volume and page reference, and there sees that Mueller published a letter in 1965 with the title "Interpretation of Micro-Structures in Carbonaceous Meteorites." If the searcher is interested in obtaining even more information than this one particular reference, he can now obtain Mueller's article, look at the ten references that are given and, using each reference as a starting point, enter the *Citation Index* once again. Since the probabilities are very high that if Mueller cited Urey's paper, the other papers that he would cite would also deal with the question of life-like forms in meteorites, then one can expect that the additional references will yield more current source articles on this particular subject.

The procedure of cycling permits the searcher to go backward and forward in time because, to cite the Urey-Mueller example again, he has begun with a past citation and moved forward to a current citation. If he follows through and uses the references in Mueller's paper as other starting points, then he is again going backward in time; and when he finds the current citations to these particular references, he has moved forward once again.

Relevancy of information obtained through use of citation indexes and the *SCI* in particular, is generally very high. A citation does not suffer from failure to include descriptive terminology—rather it is a brief representation of the content of the documents it identifies. Those who have studied citation indexes know that only a small number of reference citations is needed to isolate a particular document from all others in a collection.

Irrelevancy or "noise" can be eliminated in using citation indexes by careful selection of references as access points. In particular, if narrow specificity is desired in a search, the starting reference should be one which deals with only one subject. Another method of reducing "noise" is to apply the concept of bibliographic coupling to the search. This involves recording sources obtained from the index which have two or more starting references in common.

Citation indexing has advantages that conventional indexing systems do not supply. A major advantage is the fact that there is no terminology problem and there is no need to guess how an indexer might have indexed a particular item. Multidisciplinary coverage is another distinct benefit afforded by citation indexes such as *SCI.* Of importance too, are the speed and convenience which citation indexing provides to the searcher. Searches have been conducted using *SCI* on a variety of subjects and have yielded excellent results, some of which are available from the Institute for Scientific Information upon request.

The format and use of each of the sections of the *SCI* briefly described above are outlined in detail in the material which follows.

Terminology & Definitions

Citation. In general, the outcome of reference (see *Reference,* below). When one document (B) mentions, or makes reference to another document (A), the latter has been cited by the former, as a source of information, as support for a point of view, as authority for a statement of fact, etc. The word *citation* is used not only for the fact that document A has been cited in reference, but also for the description of document A provided to effect the citation (as 52 Lederberg J, *J. Bact.,* 63, 399). In this sense, *citation* and *reference* are frequently used interchangeably to mean the "address" or "identification" of the document in question.

Citation Index. One of the basic sections of the *SCI.*® The *Citation Index* is an alphabetic list, arranged by first author, of references given in bibliographies and footnotes of source articles, each reference followed by brief descriptions (citations) of the source articles which cite it. The *Citation Index* contains a *Patent Citation Index* in which cited patents are listed by number rather than by name of inventor or assignee.

Corporate Index. See **Source Index.**

Co-Term. In the *Permuterm*® *Subject Index,* any word from a source-article title that has been paired with, and listed under another word from the title, the latter appearing as the main *PSI* entry. Most co-terms also appear as primary terms (see *Primary Term,* below).

First Author. That author, out of two or more, whose name is given first in statements of multiple authorship; called also *primary* author, and sometimes (confusingly) *senior* author. Entries in the *Citation Index* and *Source Index* are arranged by first author.

Patent Citation Index. See **Citation Index.**

Permuterm® Subject Index. An alphabetic subject index derived from words in the titles of source articles. Every significant word in a title is paired with all other significant words, and reference made from each pair to the author of a source article.

Primary Term. In the *Permuterm Subject Index,* any word from a source-article title that appears as a main entry in the alphabetic list of terms. From the user's point of view the primary term is that selected for initial research.

Reference. The mention or description of one document (A) in another (B), to indicate a source of information, to provide support for a point of view, to lend authority to a statement of fact, etc. Document B is said to make reference to document A; Document A is said to be cited by document B. *Reference* is also used for the description given in making reference (as 52 Lederberg J, *J. Bact.,* 63, 399). Reference is made; i.e., references are given, in footnotes and more frequently in bibliographic listings at the end of an article. References, in this sense, are extracted to produce the *Citation Index.*

Reference Author. The author of an item to which reference is made; the author of an item cited by a source author; a cited author.

Reference volume, page, year, etc. The volume number, page number, year of publication, etc., named in a reference from a source article; used in distinction to source volume, source page, source year, etc.

Science Citation Index® (SCI®). A calendar-year index to scientific literature published by the Institute for Scientific Information, Inc. The *SCI* has three basic sections: the *Citation Index,* the *Source Index,* and the *Permuterm Subject Index.* The *SCI* is published quarterly and cumulated annually and quinquennially.

Secondary Author. In statements of multiple authorship, any author except the first-named; called also coauthor. In the *Source Index,* secondary authors are cross-referenced to first authors.

Source. Called also source document, source article, source item, etc.; an item published in one of the scientific journals processed for the *SCI.* Source items may be original substantive articles, editorials, letters, reports of meetings, correction notes, reviews, etc. From the references given in a source item citations are extracted to prepare the *Citation Index;* bibliographic descriptions of source items are prepared for the *Source Index;* and words from the titles of source items are paired for production of the *Permuterm Subject Index.*

Source Author. The author of a source item, used in distinction to a reference or cited author.

Source Index. One of the basic sections of the *SCI.* The *Source Index* gives a complete bibliographic description of all source items processed for the *SCI.* Items are arranged alphabetically by first author; all coauthors are cross-referenced to first authors. The *Source Index* contains a *Corporate Index* in which citations of source items are arranged by the organizational affiliations of their authors.

Source Journal. One of the scientific journals processed for production of the *SCI,* so-called because the journal contains source items.

Stop-Words. In the *Permuterm Subject Index,* words from source-article titles that are eliminated as indexing entries. *Full* stop-words (like *the, which*) are eliminated as either main entries (primary terms), or subordinate entries (co-terms). *Semi* stop-words are eliminated as main entries (primary terms), but permutted as co-terms (secondary entries). Stop-word pairs are words which may appear as either primary terms or co-terms except in conjunction with each other, when they are eliminated in both cases (as *brief* and *communication).*

Citation Index

Entries in the *Citation Index* are arranged alphabetically by cited author. Under the name of each cited author, reference citations (cited items) are arranged chronologically, and within years by journal title abbreviation. Beneath each reference citation appear in alphabetical order by first author the citations for citing source articles.

The name of the cited author appears only once, at the head of the list of reference citations. The form of the reference citation is: year (two terminal digits); journal title abbreviation; volume; page number. The form of source citation is: citing author, journal title abbreviation; code for type of source item; volume; page; year (two terminal digits).

Where two or more reference citations are listed without interruption by any citing source item it is an indication that all such references were cited by the author(s) of the citing source item(s) following the last of these reference citations.

Anonymous Reference Citations. Cited anonymous works follow the letter *Z* in the *Citation Index,* and are arranged by journal title abbreviation, and then chronologically. Within each year, cited items are arranged in order of volume and page. Beneath each reference citation are arranged alphabetically by citing author, citations for source articles which cite the anonymous item. The abbreviation of the cited journal title appears only once, at the head of the list of reference citations. The form of the reference citation is: year (two terminal digits); volume; page. The form of the source citation is author: journal title abbreviation; code for type of source item; volume; page; year (two terminal digits).

Patent Citation Index. A listing of cited patents follows the listing of anonymous reference citations. Entries are arranged by cited patent number, and usually provide the following information: year of issue, inventor or assignee, and issuing country. A list of the abbreviations used for the names of issuing countries immediately precedes the *Patent Citation Index.*

Authors. Every reference citation from the text, footnotes, or bibliography of a source item is processed for the *Citation Index.* The name of only the first author of these cited items is given in the *Citation Index.* A maximum of 18 characters is allowed for the last name of cited authors; where the cited author's last name has more than 18 characters, the name is truncated, truncation indicated by a period following the seventeenth letter of the name. A maximum of 9 characters is allowed for the names of citing authors, longer names being truncated by a period after the eighth letter of the name. In both cases up to three initials are allowed.

Cited Reference Year. The two terminal digits of the cited reference year are the first item in the cited reference line. In *very rare* cases, use of only the two terminal digits may produce ambiguity, since "65" can mean 1765, 1865, 1965, etc. In such cases two different authors with the same last name and initials have published a century apart in the same or a different journal. The ambiguity is easily resolved by inspection of the volume numbers of the journal titles concerned. As noted, such ambiguities are extremely rare. However, two zeroes (00) are used for the cited reference year in the case of undated items, as well as for papers published in 1900.

Cited Reference Publication Titles. Cited reference publications may be journals, books, reports of various kinds, proceedings of meetings and congresses, etc. In general, all punctuation, special symbols, diacritical marks, and the like, are ignored in transcribing the titles of reference publications.

Hyphens and apostrophes are dropped and the elements which they separated are fused. Easily understood abbreviations, many of them of one letter, are used for words which occur frequently in the titles of reference publications. For example, *T* is used for *Transactions, C* for *Congress, P* for *Proceedings.* A list of these abbreviations is found on the inside back cover of this and other volumes of the *SCI.*

Roman numerals in titles are generally converted to their arabic equivalents, as are spelled-out numbers, both cardinal and ordinal.

Twenty characters are allowed for the title of a reference publication. Additional data necessary to identify a journal reference (e.g., section, class, series, part or supplement) are supplied. These elements (usually numbers, letters, or combinations of the two) appear at the end of the reference journal column. A supplement number is preceded by an "S" If more than one of these elements is present, they appear in the reference journal column reading from left to right in this order: series, part, supplement, class. An acronym is created consisting of the first letters of the words describing a series.

Special Non-Journal Abbreviations. When the titles of non-journal publications include numbers, or numbers combined with letters, the numbers or numbers and letters are brought to the front of the title field, and the rest of the title systematically abbreviated by truncating each word, as far as space permits, before the second independent vowel. Thus, "R. Lechner, HarvardComputational Laboratory, Cambridge, Mass., Progress Report B1–30, 1961" would be abbreviated "LECHNER R, 61 B130 HARV COMP LAB P."

Journal References. In journal references, the volume number takes precedence over issue number and appears immediately after the title abbreviation. An alphabetic character associated with a volume number is placed in front of it, as "B52". In cases such as *British Medical Journal* and *Lancet,* issue numbers appear in place of volume numbers when the latter are not given. An alphabetic character associated with a page number is placed in front of it; thus page 4A will appear as A4. Roman numerals are converted to their arabic equivalent preceded by the letter *R*; thus, xiii becomes R13. An unnumbered page is indicated by the number of the nearest numbered page preceded by the letter *U.* When, in references to books, a chapter is cited rather than a page, the chapter number preceded by *CH* is given in the page-number column.

Unification of Variant Reference Titles. Any reference may be cited in different ways; there is, especially, enormous

variation in the use of abbreviations for journal titles. In compiling the *SCI*®, an attempt is made to identify different variations of the same citation by a computerized 'unification' of cited references. References are considered identical if they match on minimal distinctive citation data. The computer tallies variations in the presentation of authors and journals within each cluster of 'identical' references, selects the most frequently used, or in the case of ties, the longest version, thereby 'unifying' the reference. As a result, in most cases the common 'unified' reference will be listed only once, followed by the citations for the citing articles.

NB: Grouped reference citations: *Occasionally, two or more reference citations are listed one after another and the whole group followed by one or more source citations. In such cases, the first source author has cited all the references given above his name. The remaining source authors have cited only the last of the grouped reference citations.*

Source Index

The *Source Index* lists in alphabetic order the names of every author of every source item processed for the *SCI.* Full bibliographic data on each source item are given under the name of its first author. The names of all secondary authors are cross-referenced to that of the first author. An author's name appears only once, and beneath it are given first the one or more source items published by him during the year, and then cross-references to other source items of which he is a secondary author.

Under an author's name, source items for a particular year are listed in alphabetic order of journal title abbreviation. Each entry provides the following information: coauthors (a maximum of ten); a two-letter code for languages other than English; title of the article or an English translation of the title; journal title abbreviation; volume, page, year; code indicating type of source item (original article, letter, correction note, etc.); number of references provided by the source item; issue, part, or supplement number of the source journal.

The names of secondary authors are cross-referenced to a first author by a "see" reference. This reference includes not only the name of the first author but also the citation of the source item (journal title abbreviation, volume, page, year). As in the *Citation Index,* nine characters are allowed for surnames of citing authors; longer names are truncated by a period after the eighth letter of the name.

Anonymous source items appear at the beginning of the *Source Index* and are listed alphabetically by journal title abbreviation. Note that the title of the anonymous source item precedes the indented citation.

Authors' Names. The elements of compound names are fused; hyphens in compound names are dropped before fusing. Thus, *H. Avery Jones* appears as AVERYJONES H; *J. Smith-Wright,* as SMITHWRIGHT J. Conjunctions in compound names are not dropped; thus, *Jose Perez y Mendez* will appear as PEREZYMENDEZ J.

The treatment of particles in proper names is a difficult problem; in general the style of the author himself is followed, as far as it is possible to determine it. In general, this means that capitalized particles are treated as part of the last name and fused; non-capitalized particles are not considered part of the last name, and the initial letter of the particle, or of the first of several particles, will appear as an initial. Thus, *Robert La Follette* would appear as LAFOLLETTE R; while *Hermann Ludwig von Helmholtz* would appear as HELMHOLTZ HLV. The particles of Dutch names, whether capitalized or not, are generally considered part of the last name and are fused. Where there are particles of which some other than the first is capitalized, as in *Robert de La Salle,* the last name begins with the capitalized particle which is fused; thus LASALLE RD.

Names of religious are provided with an arbitrary *X* which appears as a second initial following the initial of the author's religious title. Thus, *Sister Mary Theresa* would appear as MARYTHERESA SX; *Mother Joseph Martyr* would appear as JOSEPHMARTYR MX.

Journal Title Abbreviations. The title of each source journal is abbreviated in the same way throughout the *SCI.* These abbreviations are limited to eleven characters (including spaces), and eliminate all diacritical marks, punctuation, etc. Nevertheless, care has been taken to make them as meaningful as possible. A list of abbreviations and full titles is given in Volume 5 of the *SCI.*

Supplements. In see-references, irregular supplements are indicated by an *S* in front of the volume number of the journal. The number of the supplement itself can be found under the appropriate first-author entry. Letters associated with volume and page numbers appear in front of them.

A *U* in front of a page number indicates that a source item begins on an unnumbered page near the numbered page given.

Language Abbreviations. The titles of source items written in languages other than English are translated into English. The language of the original is indicated by one of the following abbreviations, which appears in parentheses in front of the title translation:

AF	Afrikaans	IT	Italian
BU	Bulgarian	JA	Japanese
CH	Chinese	NO	Norwegian
CZ	Czech	PL	Polish
DA	Danish	PT	Portugese
DU	Dutch	RM	Rumanian
FI	Finnish	RS	Russian
FL	Flemish	SC	Serbo-Croatian
FR	French	SK	Slovakian
GA	Gaelic	SN	Slovenian
GE	German	SP	Spanish
HE	Hebrew	SW	Swedish
HU	Hungarian	UK	Ukrainian

A source item with sections in various languages is given the code *XX.*

Source Type Code. Source items are coded to indicate type of material. The codes are single letters which appear after the two-digit year indicator. The codes are:

Blank	articles, reports, technical papers, etc.
A	abstracts of published items
C	corrections, errata, etc.
D	discussions, conference items
E	editorials, editorial-like items
I	items about individuals (tributes, obituaries, etc.)
L	letters, communications, etc.
M	proceedings from meetings
N	technical notes
Q	bibliography for *SCI*® supplied after primary publication, by source author
R	reviews & bibliographies

Corporate Index

The *Corporate Index* lists alphabetically by their authors' organizational affiliations the citations for all source items processed during the year. Where a single source item reports the work of authors at different organizations, the source item citation will be found under the names of both organizations, but the citation will give, as elsewhere in the *SCI*, the name of the first author only.

Organizational Subdivisions. Subdivisions of an organization are described in descending order of magnitude, e.g., university, college, department, laboratory.

Abbreviations. Generally accepted abbreviations and acronyms are used wherever possible for the names of organizations (e.g., IBM, RCA, MIT). In addition, commonly occurring words in the names of organizations are abbreviated, as follows:

Academy	AC	Hopital	HOP
Akademie	AK	Hospital	HOSP
Administration	ADM	Institute	I
Agriculture	AGR	Incorporated	INC
Authority	AUTH	International	INT
Building	BLDG	Kongress	K
Bureau	BUR	Klinik	KLIN
Center	CENT	Laboratory	LAB
Central	CENTER	Limited	LTD
Clinic	CLIN	Medical	MED
Company	CO	Mount	MT
College	COLL	National	NAT
Corporation	CORP	Research	RES
Council	COUNC	School	SCH
Department	DEP	Section	SECT
Division	DIV	Service	SERV
Establishment	EST	Saint	ST
Foundation	F	Technische Hochschule	TH
Faculty	FAC	Technological University	TU
Fakultat	FAK	University	U
General	GEN		

Geographical Abbreviations. The following geographical abbreviations are used (though where space permits some may be expanded for purposes of clarification):

Alabama	Ala	Newfoundland	NF
Alaska	Alaska	New Hampshire	NH
Arizona	Ariz	New Jersey	NJ
Arkansas	Ark	New Mexico	N Mex
California	Calif	New South Wales	NSW
Colorado	Colo	New York	NY
Connecticut	Conn	New Zealand	NZ
Delaware	Del	North Carolina	NC
District of Columbia	DC	North Dakota	N Dak
Florida	Fla	Ohio	Ohio
Georgia	Ga	Oklahoma	Okla
Great Britain	GB	Oregon	Ore
Hawaii	Hawaii	Pennsylvania	Pa
Idaho	Idaho	Rhode Island	RI
Illinois	Ill	South Carolina	SC
Indiana	Ind	South Dakota	S Dak
Iowa	Iowa	Soviet Union	USSR
Kansas	Kans	Tennessee	Tenn
Kentucky	Ky	Texas	Tex
Louisiana	La	United Arab Republic	UAR
Maine	Maine	United Kingdom	UK
Maryland	Md	United States	US
Massachusetts	Mass	United States of America	USA
Michigan	Mich	Utah	Utah
Minnesota	Minn	Vermont	Vt
Mississippi	Miss	Virginia	Va
Missouri	Mo	Washington	Wash
Montana	Mont	West Virginia	W Va
Nebraska	Nebr	Wisconsin	Wis
Nevada	Nev	Wyoming	Wyo

Permuterm Subject Index

The *Permuterm*®*Subject Index (PSI*®*)* is a permuted title-word index to the more than 2200 journals processed for the *Science Citation Index*®. In *PSI*, every significant word in a title is paired with every other significant word to produce for each annual index more than 10 million word pairs. *PSI* is, thus, a "natural language" indexing system. A natural language indexing system is one based on the language used by *authors* in contrast to that used by indexers, and as such has many advantages. If the reader recalls the title of a paper but not its author, a natural language index enables him to determine easily the complete identification of the paper: author, journal, volume, and page. For a partially remembered title, one or two words will also help retrieve the full title. Furthermore, if one knows a particular scientific or technical term is used, a natural language system such as *Permuterm* will permit access directly through this known term.

In addition to its independent utility, *PSI* can serve to facilitate entry into the *Citation Index (CI)* section of the *Science Citation Index*. If a relevant starting reference

is not already known, one can be found through a keyword in *PSI.* For this type of search it makes sense to start in an earlier edition of *PSI* and *CI.* Then the *CI* can lead the user to more recent works which cite the starting reference.

Natural language indexing systems tend to be "self-correcting." Since they are based on current usage, natural language indexes change as the language of science evolves. Terms tend to be modified by experience and by more precise understanding of the phenomena and concepts they symbolize.

Since the *PSI* is based on natural language, many millions of useless entries would be produced unless human decisions were made to suppress certain terms that have no practical semantic value. Thus, words like *the, an, which,* etc., rarely make useful primary or secondary indexing terms. However, once a basic list of such obvious "stop" words has been established, it becomes increasingly difficult to decide what other terms should be suppressed. These decisions are economic as well as semantic because any term, alone or in combination, may be useful to some reader in a given search situation. A "stop" list is necessary but must be carefully constructed. In *PSI* we have retained terms that most traditional systems would have rejected.

The most significant distinction of the "stop" list policy of the *PSI* is the difference between terms which are completely suppressed (full-stop) and terms which are partially suppressed (semi-stop). Semi-stop words are suppressed as primary terms but not as secondary or co-terms. This important distinction provides a major advantage over single-entry systems. Thus, in *PSI* there are many terms, such as *behavior,* which are never suppressed even though they may be suppressed in "KWIC" (key-word-in-context) indexes, etc. *PSI* also retains as co-terms useful words like "methods" and "analysis" that are also completely suppressed as indexing entries in most "KWIC" indexes. In *PSI,* therefore, one can find useful combinations of these very broad terms with other terms. Words which have been so treated have been designated as "semi-stop" words.

Every indexing system has its limitations. *Permuterm* is no exception. By keeping these limitations in mind, the user will avoid disappointments. The use of natural language inescapably introduces a type and degree of ambiguity that is not seen in the *Citation Index.* The "noise" that may result from these ambiguities can usually be eliminated by use of the *Source Index* before consulting the original article. In the *Source Index* the user will be able to inspect the terms in their original context and quickly resolve such ambiguities. In addition, other relevant articles by the same authors may be found while using the *Source Index* to obtain the full bibliographic details of items identified in the search.

It is important for the user to remember that natural language indexing requires him to be mindful of the variety of not only the scientific vocabulary, but of the variety of the English language itself. An attempt has been made to eliminate spelling variations, but the user must consult synonymous, near-synonymous and related terms; for example: ADENOSINE TRIPHOSPHATE (ADENOSINE-TRIPHOSPHATE, ATP); BUTADIENE (BUTA-1,3-DIENE); COPPER-NICKEL (NICKEL-COPPER); BLATTARIA (COCKROACH); ANTINEOPLASTIC (TUMOR, INHIBITION, ANTI-ONCOGENIC, CARCINOSTATIC); BIRTH (PARTURITION, LABOR, DELIVERY); etc. In many cases a special computer-assisted edit has been performed to modify or cross-reference many equivalent terms. This departure from "pure" natural-language indexing has been made only where there is little chance of losing useful information. To a large extent, British or other spelling variants of the same word have been replaced by their American forms, thus avoiding "double lookups" under terms such as tumor and tumour, aluminum and aluminium, cecum and caecum, etc.

The tendency of hyphenated compound terms to become fused in usage has been noted, and where usage of the fused word has been found to be substantial, our editors have accepted it. Thus, the hyphenated ANTI-MALARIAL, will be found in the *PSI* to have been fused into ANTIMALARIAL. On the other hand, many words have been retained as primary terms in their hyphenated form, and even as two-word phrases, and the user should, for example, search under the hyphenated primary term ALPHA-ADRENERGIC, but also seek out ALPHA as a co-term under the primary term ADRENERGIC.

Another departure from "natural" language is the use of English translations rather than the vernacular titles of articles written in other languages. Few translations are perfect, but in the sciences and particularly for the benefit of *PSI,* we believe our users are best served by a single language. In addition, *PSI* can be effectively used to help construct word profiles for selective dissemination of information *(SDI)* services such as ISI's *Automatic Subject Citation Alert®(ASCA® IV).*

The *PSI* was designed to overcome certain shortcomings characteristic of most indexes. For example, selective discipline policies of an index might make a user wary of any literature search. The interdisciplinary nature of the *Science Citation Index®*system, which includes *PSI,* and the *SCI®* policy of indexing all articles, letters, discussions, corrections, etc., regardless of discipline, prevents any coverage gaps in indexing of key journals. Such gaps have been revealed in numerous studies of traditional word indexes.

Another source of difficulties in traditional systems is their use of "controlled" thesauri or subject heading authority lists, which tend to group large numbers of articles under broad generic terms, making more specific searches time-consuming and occasionally impossible. Furthermore, authority lists are made obsolete by each deluge of publications on new topics not previously anticipated, or old topics thought no longer important.

For the user's convenience, the paragraphs below summarize the editorial conventions and formatting of the *PSI.*

Arrangement. In *PSI,* every significant word in an article's

title is paired with every other significant word. One of these words becomes a primary term, the other a co-term listed under the primary term. The *PSI* is arranged alphabetically by primary terms (numbers follow the letter Z), with all co-terms listed alphabetically under each primary term. Thus, with the exceptions noted below under "Semi-Stop Words", all co-terms appear in the alphabetic listing as primary terms. Opposite each co-term is the name of the author of an article whose title includes the words represented by the pair of primary and co-terms. The article in question can be completely identified by looking up the appropriate author's name in the *Source Index* section of the *Science Citation Index*.®

Word Definition. A word or term is defined as a sequence of one or more characters preceded and followed in an article's title by blank spaces. Parentheses and brackets at the beginning or end of such a sequence of characters are removed in construction of the index, but parentheses or brackets occurring within the sequence of characters are retained.

All journal article titles are examined by editors before keypunching. Certain minor changes are made to improve the title words as search terms for *PSI*. Greek letters and other special symbols are spelled out. Place names and genus-species names are hyphenated. Isotopes always appear with the number following and hyphenated to the word or symbol, for example: CARBON-14 and C-14.

Word Length. Primary terms are limited to 18 characters. When a primary term exceeds 18 characters, the word is truncated, and truncation is indicated by a period in place of the eighteenth character. Thus, IMIDAZOLE-CONTAIN. appears as the truncated form of IMIDAZOLE-CONTAINING used as primary term. Co-terms are limited to 11 characters. When they exceed 11 characters they are similarly truncated, and truncation indicated by a period in place of the eleventh character. Thus, PSYCHOSOMA. appears as the truncated from of PSYCHOSOMATIC used as a co-term.

Full-Stop Words. As indicated above, full-stop words are eliminated from indexing as either primary or co-terms. Such full-stop words are eliminated because they have in themselves little or no meaning, and are generally useless in either formulation or conduct of a search. A list of full-stop words appears on page 7 of volume 7 of the *Science Citation Index*.

Semi-Stop Words. As indicated above, semi-stop words are eliminated as primary terms, but retained as co-terms. In general, semi-stop words are those which in formulation or conduct of a search take on useful meaning only in association with a more specific term. For example, PREPARATION is a semi-stop word. If interested in such a subject as preparation of steroids, the searcher should look under the primary term STEROIDS to find entries of the co-term PREPARATION. A list of semi-stop words appears on pages 7 and 8 of volume 7 of the *Science Citation Index*.

Stop-Word Pairs. A limited number of words, though meaningful individually as primary and co-terms, produce word pairs of limited retrieval value. For example, although both BRIEF and COMMUNICATION appear as primary terms, and as co-terms of other primary terms, they are when paired with each other generally useless in retrieval. Such word pairs have been eliminated. A list of stop-word pairs appears on page 8 of volume 7 of the *Science Citation Index*.

Authors' Names. The last name and the initials of the appropriate author stand opposite the co-term. Ditto marks are used in place of the author's name when successive co-terms come from the same title. Authors' last names are limited to 9 characters. When a last name exceeds 9 characters, it is truncated and a period appears in the ninth position. Thus, EISENHOW. would appear as the truncated form of EISENHOWER.

Anonymous Entries. The abbreviation of a journal's title appears instead of an author's name in the case of anonymous source items. This use of the journal title enables the user to identify the article in question by consulting the *Anonymous Section* of the *Source Index* of the *Science Citation Index*.®

Unique Article Indicator. To facilitate searches in which the user wishes to identify every article indicated under a primary term, a solid arrowhead appears in front of authors' names the first time they appear under that primary term. By looking up only authors' names indicated by the arrowhead the user will identify all articles in whose titles the primary term appeared while avoiding repetitive examination of the same title.

Co-term Unification. It frequently happens that an author will publish two or more papers on the same subject. Their titles, therefore, are likely to include many of the same words, which, in construction of the *PSI*, will result in identical primary/co-term pairs. Rather than repeat the co-term and author's name under the primary term in such cases, the duplicate co-terms and names are dropped. An *at* sign (@) follows the author's name in such cases to alert the user to the fact that he should look for more than one article by that author in the *Source Index*.

Cross References. In order to help the user identify synonyms and spelling variations, hundreds of SEE and SEE ALSO cross-references have been added to *PSI;* for example: FOETAL see FETAL, OESTROGEN see ESTROGEN, CALCIUM see also CA, EPINEPHRINE see also ADRENALINE. Considering the dynamic quality of natural language as reflected in *PSI*, it is impossible to provide cross references for all possible synonyms. The user must always be mindful of the variety of scientific vocabulary and the need to search for related terms, in particular, terms with the same root but different endings, which usually appear close together in *PSI*.

Co-term Deletion. All co-terms are deleted under a primary term which refers to three articles or less. The authors' names will appear directly under the primary term. Coordination of terms is of minimal value when the primary term is of very low frequency, since it is a simple matter to consult the *Source Index* for the full title of the few articles concerned. This convention substantially decreases the bulk of *PSI*.

Special Services

Search Service. For individuals or organizations without convenient access to the *Science Citation Index*,® and for subscribers without adequate staff, ISI® offers an *SCI*® searching service. Searches can be formulated in terms of cited works, cited or citing authors, subjects, organizations, patents, etc.

The results of each search are reported on 3x5 cards. Where the client provides starting references, a summary card reports all citing works, with a full bibliographic description of each reported on a separate card.

Searches will usually be completed within 72 hours. Frequently, same-day service is possible, depending upon demands made upon the Search Service staff.

Full details, and convenient ISI Search Service order forms can be obtained by writing to: Search Service, Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pennsylvania 19106.

Automatic Subject Citation Alert® (ASCA IV®). ASCA IV is ISI's weekly computer-prepared current awareness service. It enables subscribers to keep up-to-date on any subject from material being processed for the *SCI.* Scanning of the current file is dictated by a personal interest profile, which permits access to information through the entry points of the *SCI* itself (cited and citing authors, cited works, organizations, patents, etc.) and, as a result of *ASCA IV*'s improved software, through words, phrases, word stems, etc., in any logical combination. It is not necessary to subscribe to *SCI* to use *ASCA IV.* For a descriptive brochure and *ASCA* profile entry forms, write the Institute for Scientific Information.

Original Article Tear Sheet (OATS®). Since the scope of the *Science Citation Index* is quite broad, source articles may be encountered from journals which are not readily available in smaller libraries. The Institute for Scientific Information provides an *Original Article Tear Sheet (OATS)* service to assist in the procurement of source articles. In addition, ISI *OATS* stamps can be bought in advance to eliminate vouchers and purchase orders. Checks or other forms of payment are also acceptable.

Twenty-four-hour service is available for *OATS* by means of the *OATS* Hot Line (215-923-0460), or ISI's Telex number 84-5305.

Magnetic Tapes. Many organizations with their own computer facilities are now using the magnetic tapes generated in production of the *Science Citation Index* and *ASCA* for retrospective searching and current awareness. For complete information on formats, files available, and costs, write to the Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pennsylvania 19106.

ISI's Who is Publishing in Science® (WIPIS®). WIPIS makes it easier for *SCI* users to contact scientific colleagues all over the world.

This massive compilation of the names and addresses of publishing scientists is compiled annually from the weekly Author and Address Directories of ISI's five editions of *Current Contents.*® The user can quickly locate the most recent affiliation and address of colleagues and others active in research. *WIPIS* contains indexes by scientists' names, by organization, and by geographical location. The volume has been designed with the *SCI* user in mind. We believe it will provide author addresses for at least 75% of the authors listed in any *Annual Cumulation* of the *SCI.* For information write to the Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pennsylvania 19106.

Comparative Statistics
Science Citation Index 1964-1970

On the two pages which follow are displayed various counts relating to each of the annual *SCI* cumulations. The numbers show clearly the steady growth of the *Index,* and also the relative stability of certain patterns discovered in compilation of the 1964 *Annual.*

There was in 1970 a net increase of 12 source journals covered by the *SCI.* These journals yielded 17,992 separate issues and 361,875 source items. The last is an increase of 6% over 1969, and 134% over the 1964 *Annual Cumulation.* The source items processed included 3,485 correction and errata notes. Access to this type of material is available in no other single reference work.

The 1970 *Annual* shows an increase of 5% in citations to journal items, which totaled 3,231,992. This number represents an increase of 127% over the number of citations to journal items in the 1964 *Annual Cumulation.* Along with the 11,425 citations to patents, and 864,530 citations to other non-journal items (books, reports, etc.), citations in the 1970 *Annual Cumulation* totaled 4,107,947, an increase of 6% over 1969, and of 130% over 1964.

The chronological distribution of cited years in the 1970 *Annual Cumulation* is similar to that seen in previous *Annuals.* The most frequently cited years are the two (1968, 1969) immediately preceding the source year (1970). More than half the citations are to items published more than five years previously, and almost 35% tc items published more than ten years previously.

ISI continues its active interest in basic research and will gladly cooperate with any group or individual interested in using *SCI*'s extensive "bibliometric" data in scientific, bibliographic, administrative, sociologic, and historical studies. All *SCI* data are available on magnetic tapes, not only for such statistical studies, but also for in-house use by subscribers for information retrieval and selective dissemination of information. For further details, please contact any of the offices listed below.

In Philadelphia: contact ISI, 325 Chestnut St., Philadelphia, Pa. 19106, Telephone (215) 923-3300. In Washington, D.C.: contact ISI, Georgetown Building, 2233 Wisconsin Ave. N.W., Washington, D.C. 20007, Telephone (202) 338-5900 & 5901. In Europe: contact Mr. Anthony Cawkell, 132 High Street, Uxbridge, Middlesex, England, Telephone Uxbridge 30085; or Mr. Peter Aborn, 49 Avenue Paul Doumer, Paris 16ème, France, Telephone 870-8058. In Japan: contact Mr. Takashi Yamakawa, Tsutsumi Building, 13-12 1-chome, Shimbashi Minato-Ku, Tokyo, Japan, Telephone 502-6471.

SCIENCE CITATION INDEX® 1964–1970
COMPARATIVE STATISTICAL SUMMARY

	1964	1965	1966	1967	1968	1969	1970	PERCENT INCREASE (DECREASE) 1970 COMPARED TO 1969	1968	1967	1966	1965	1964
Source Journals	700	1,146	1,573	1,711	1,968	2,180	2,192	1	12	28	40	92	214
Source Journal Issues	5,497	9,432	12,444	13,815	15,911	17,761	17,992	1	13	30	45	91	227
Source Journal Items	151,639	235,801	273,870	304,099	308,536	341,430	361,875	6	17	19	32	53	139
Anonymous Source Journal Items	9,500	14,500	13,161	15,033	8,095	13,033	11,320	(15)	40	(33)	(16)	(28)	19
Citations to Journal Items	1,424,947	2,144,103	2,383,084	2,632,872	2,902,358	3,067,384	3,231,992	5	11	23	36	51	127
Citations to Patents	11,575	208,240	10,826	14,444	15,570	15,485	11,425	(26)	(26)	(21)	5	(95)	(1)
Citations to Other Non-Journal Items	353,231	572,597	680,096	739,823	780,787	766,846	864,530	11	11	17	27	51	145
Total Citations from Source Journal Items	1,789,753	2,924,940	3,074,006	3,387,139	3,698,715	3,849,715	4,107,947	6	11	21	34	40	130
Citations to Authored Items*	1,742,896	2,663,806	3,014,737	3,319,546	3,626,027	3,777,272	4,041,165	7	11	22	34	52	132
Citations to Anonymous Items	35,282	52,894	48,443	53,149	57,118	56,958	55,357	(3)	(3)	4	14	5	57
Unique Authored Items Cited*	1,092,384	1,616,987	1,820,877	1,994,120	2,138,526	2,261,839	2,340,128	3	9	17	29	45	114
Citations per Authored Items Cited	1.60	1.65	1.65	1.66	1.67	1.67	1.73	3	4	4	5	5	8
Unique Reference Authors Cited*	323,889	438,915	473,658	510,113	546,567	601,410	619,872	3	13	22	31	41	91
Average Citations per Cited Author	5.40	6.08	6.36	6.50	6.64	6.28	6.52	4	(2)	0	3	7	21

* excepting Patents

SCIENCE CITATION INDEX® 1964–1970
CHRONOLOGICAL DISTRIBUTION OF CITATIONS TO AUTHORED ITEMS (NON-PATENTS)

Percentage of Unique Reference Items

erence ar	1964	1965	1966	1967	1968	1969	1970
970							3.20
969						3.63	9.69
968					3.38	9.95	10.40
967				3.39	10.34	10.76	9.18
966			3.31	10.50	10.90	9.30	7.78
965		5.07	10.79	11.21	9.76	8.10	6.84
964	5.36	13.05	11.24	9.68	8.18	6.77	5.76
963	13.50	11.34	9.55	8.16	6.90	5.68	4.94
962	11.04	9.10	8.00	6.79	5.82	4.78	4.23
961	8.78	7.50	6.62	5.74	4.92	4.06	3.62
960	7.40	6.54	5.85	5.09	4.41	3.68	3.28
959	5.95	5.41	4.82	4.16	3.65	3.07	2.78
958	5.00	4.53	4.11	3.58	3.14	2.66	2.39
957	4.21	3.89	3.52	3.10	2.74	2.33	2.09
956	3.64	3.39	3.12	2.75	2.43	2.04	1.86
955	3.26	3.02	2.79	2.44	2.16	1.82	1.66
954	2.78	2.57	2.41	2.12	1.87	1.61	1.46
953	2.47	2.27	2.12	1.87	1.67	1.43	1.33
952	2.11	2.00	1.88	1.64	1.45	1.25	1.15
951	1.85	1.74	1.64	1.45	1.30	1.12	1.01
950	1.67	1.54	1.47	1.29	1.17	1.00	.91

Cumulative Percentage of Unique Reference Items

Reference Year	1964	1965	1966	1967	1968	1969	1970
1970							3.20
1969						3.63	12.89
1968					3.38	13.58	23.29
1967				3.39	13.72	24.34	32.47
1966			3.31	13.89	24.62	33.64	40.25
1965		5.07	14.10	25.10	34.38	41.74	47.09
1964	5.36	18.12	25.34	34.78	42.56	48.51	52.85
1963	18.86	29.46	34.89	42.94	49.46	54.19	57.79
1962	29.90	38.56	42.89	49.73	55.28	58.97	62.02
1961	38.68	46.06	49.51	55.47	60.20	63.03	65.64
1960	46.08	52.60	55.36	60.56	64.61	66.71	68.92
1959	52.03	58.01	60.18	64.72	68.26	69.78	71.65
1958	57.03	62.54	64.29	68.30	71.40	72.44	74.04
1957	61.24	66.43	67.81	71.40	74.14	74.77	76.13
1956	64.88	69.82	70.93	74.15	76.57	76.81	77.99
1955	68.14	72.84	73.72	76.59	78.73	78.63	79.65
1954	70.92	75.41	76.13	78.71	80.60	80.24	81.11
1953	73.39	77.68	78.25	80.58	82.27	81.67	82.44
1952	75.50	79.68	80.13	82.22	83.72	82.92	83.59
1951	77.35	81.42	81.77	83.67	85.02	84.04	84.60
1950	79.02	82.96	83.24	84.96	86.19	85.04	85.51

Percentage of Total Citations

eference ear	1964	1965	1966	1967	1968	1969	1970
1970							2.47
1969						2.98	9.90
1968					2.67	10.38	11.58
1967				2.75	10.60	11.82	10.17
1966			2.65	10.90	12.05	10.05	8.49
1965		4.14	11.50	12.26	10.59	8.64	7.33
1964	4.55	13.60	12.45	10.58	8.82	7.22	6.14
1963	14.15	12.50	10.41	8.83	7.38	6.05	5.19
1962	12.39	10.12	8.55	7.17	6.06	4.99	4.34
1961	9.70	8.06	7.00	5.95	5.05	4.16	3.66
1960	8.00	6.88	6.05	5.22	4.50	3.73	3.29
1959	6.34	5.60	4.94	4.20	3.64	3.04	2.68
1958	5.29	4.69	4.20	3.61	3.13	2.65	2.36
1957	4.44	4.01	3.61	3.13	2.75	2.34	2.08
1956	3.81	3.46	3.16	2.73	2.41	2.03	1.83
1955	3.35	3.04	2.77	2.40	2.12	1.80	1.62
1954	2.78	2.52	2.31	2.03	1.79	1.53	1.38
1953	2.48	2.26	2.11	1.83	1.61	1.40	1.29
1952	2.09	1.95	1.85	1.56	1.39	1.19	1.09
1951	1.86	1.70	1.65	1.43	1.28	1.13	1.03
1950	1.67	1.47	1.39	1.22	1.09	0.95	.86

Cumulative Percentage of Total Citations

Reference Year	1964	1965	1966	1967	1968	1969	1970
1970							2.47
1969						2.98	12.37
1968					2.67	13.36	23.95
1967				2.75	13.27	25.18	34.12
1966			2.65	13.65	25.32	35.23	42.61
1965		4.14	14.15	25.91	35.71	43.87	49.94
1964	4.55	17.74	26.60	36.49	44.73	51.09	56.08
1963	18.70	30.24	37.01	45.32	52.11	57.14	61.27
1962	31.09	40.36	45.56	52.49	58.17	62.13	65.61
1961	40.79	48.42	52.56	58.44	63.22	66.29	69.27
1960	48.79	55.30	58.61	63.66	67.72	70.02	72.56
1959	55.13	60.90	63.55	67.86	71.36	73.06	75.24
1958	60.42	65.59	67.75	71.47	74.49	75.71	77.60
1957	64.86	69.60	71.36	74.60	77.24	78.05	79.68
1956	68.67	73.06	74.52	77.33	79.65	80.08	81.51
1955	72.02	76.10	77.29	79.73	81.77	81.88	83.13
1954	74.80	78.62	79.60	81.76	83.56	83.41	84.51
1953	77.28	80.88	81.71	83.59	85.17	84.81	85.80
1952	79.37	82.83	83.56	85.15	86.56	86.00	86.89
1951	81.23	84.53	85.21	86.58	87.84	87.13	87.92
1950	82.84	86.00	86.60	87.80	88.93	88.08	88.78

Abbot, M.T.J., Hunter, P.S. & Simkins, M.A. Current awareness searches on *CT, CBAC* and *ASCA. ASLIB Proceedings* 20(2):129-143, 1968.

* Abelson, P.H. Coping with the information explosion. [An editorial in] *Science* 154(3745):75, 1966.

Adair, W.C. Citation indexes for scientific literature. *American Documentation* 6:31-32, 1955.

Alt, F.L. & Kirsch, R.A. Citation searching and bibliographic coupling with remote on-line computer access. *J. Res. Nat. Bur. Stand. B* 72B(1):61-78, 1968.

Anonymous. Drop more names. [An editorial comment in] *Nature* 211:556-557, 1966.

Anonymous. More games with numbers. [An editorial in] *Nature* 228(5273):698-699.

Anonymous. Selective dissemination service. *Information Retrieval Letter* 2(5):1-3, 1966.

Anonymous. Un nouveau systeme d'information scientifique. *Laval Medical* 38:330, 1967.

Atanasiu, P. Citatele ca instrument de evaluare a publicatillor primare (Citations as an instrument in the evaluation of primary publications). *Studii si Cercetari de Documentare si Bibliologie* 10(4):443-456, 1968.

Balcarova, O. *Science Citation Index,* jako pomucka pro patentove reserse. *Vynalezy* 11(10):238-240, 1967.

Balcarova, O. K ohlasu vedeckych praci. *Vesmir* 46(9): 280, 1967.

Barka, T. Citation indexing. *J. Histochem. Cytochem.* 14(10):697, 780-782, 1966.

Bayer, A.E. & Folger, J. Some correlates of a citation measure of productivity in sciences. *Sociology of Education* 39(4):382-390, 1966.

Bottle, R.T. "Abstracts, Reviews and Bibliographies as Keys to the Literature." in *The Use of Biological Literature,* ed. by R.T. Bottle and H.V. Wyatt. (Archon Books, Butterworths, London, 1967), pp. 33-57.

Brodman, E. *Annual Report of the Library 1965-1966.* (Washington University School of Medicine, St. Louis, 81 pp.)

Bures, J. Ohlas vedeckych praci. *Vesmir* 46(5):151, 1967.

Cawkell, A.E. The scientific information problem, is there an easy solution? *Nuclear Hematology,* May/June 1967, pp. 81-82.

Cawkell, A.E. Citation practices. *Journal of Documentation* 24(4):299-305, 1968.

Cawkell, A.E. Citations. [A letter to the editor of] *New Scientist* 37(586):483, 1968.

* Cawkell, A.E. Using references to retrieve current articles. *Radio & Electronic Engineer* 35(6):352-353, 1968.

Cawkell, A.E. "Search Strategies Using the *Science Citation Index"* in *Computer Based Information Retrieval Systems,* ed. by B. Houghton. (Clive Bingley Ltd., London, 1968); Reprinted in *Current Contents/Life Sciences* 12(44): 89-103, 1969.

Cawkell, A.E. Dissemination of scientific information. *Nature* 222(5189):202, 1969.

Cawkell, A.E. Tracing authors. [A letter to the editor of] *New Scientist* 41(638):470, 1969.

Cawkell, A.E. Citation noise. [A letter to the editor of] *ASLIB Proceedings* 21(11):467-468, 1969.

Cawkell, A.E. *Science Citation Index.* [A letter to the editor of] *Nature* 228(5273):789-790, 1970.

Cawkell, A.E. Citations in chemistry. *Chemistry in Britain* 6(10):414-416, 1970.

Cole, S. & Cole, J.R. Scientific output and recognition; a study in the operation of the reward system in science. *American Sociological Review* 32(3):377-390, 1967.

Cole, S. & Cole, J.R. Visibility and the structural bases of awareness of scientific research. *American Sociological Review* 33(3):397, 1968.

Cranberg, L. Citations and evaluation. [A letter to the editor of] *Physics Today* 22(4):15, 1969.

Creager, J.A. & Harmon, L.R. "On-the-job validation of selection variables." (Technical Report No. 26, National Academy of Sciences-National Research Council, Washington, 1966, 70 pp.)

Croom, D.L. Dangers in the use of the *Science Citation Index.* [A letter to the editor of] *Nature* 227:1173, 1970.

Davies, M. Drop more names. [A letter to the editor of] *Nature* 211:903, 1966.

Dorr, H.A. & Sher, I.H. The *Science Citation Index* system and pharmaceutical education. *American Journal of Pharmaceutical Education* 32(2):177-188, 1968.

Ewing, G.J. Citation of articles from Volume 58 of the *Journal of Physical Chemistry. Journal of Chemical Documentation* 6(4):247-250, 1966.

Garfield, E. Citation indexes for science. *Science* 122 (3159):108-111, 1955.

* Garfield, E. Breaking the subject index barrier--a citation index for chemical patents. *Journal of the Patent Office Society* 39(8):583-595, 1957.

Garfield, E. "A Unified Index to Science." in *Proceedings of the International Conference on Scientific Information, Washington, 1958.* (National Academy of Sciences-National Research Council, Washington, 1959).

* Garfield, E. Citation indexing; a natural science literature retrieval system for the social sciences. *American Behavioral Scientist* 7(10):58-61, 1964.

* Garfield, E. *Science Citation Index,* a new dimension in indexing. *Science* 144(3619):649-654, 1964.

* Garfield, E. "Can Citation Indexing Be Automated?" in *Statistical Association Methods for Mechanized Documentation; Symposium Proceedings,* ed. by M.E. Stevens et al. (National Bureau of Standards Miscellaneous Publication No. 269, 1965) pp. 189-192.

* Garfield, E. *Science Citation Index;* answers to frequently asked questions. *Revue Internationale de la Documentation* 32(3):112-116, 1965.

* Garfield, E. ISI eases scientists' information problems, provides convenient orderly access to literature. *Karger Gazette,* No. 13, p. 2, 1966.

* Garfield, E. Patent citation indexing and the notions of novelty, similarity, and relevance. *Journal of Chemical Documentation* 6(2):63-65, 1966.

* Garfield, E. Primordial concepts, citation indexing, and historio-bibliography. *Journal of Library History* 2(3): 235-249, 1967.

* Garfield, E. "'World Brain' or Memex? Mechanical and Intellectual Requirements for Universal Bibliographic Control." in *The Foundations of Access to Knowledge,* ed. by E.B. Montgomery (Syracuse University Press, Syracuse, 1968) pp. 169-196.

* Garfield, E. The role of the medical librarian in SDI systems. *Bulletin of the Medical Library Association* 57(4): 348-351, 1969.

* Garfield, E. Citation indexing for studying science. *Nature* 227:669-671, 1970.

* Garfield, E. "Citation Indexing, Historio-Bibliography, and the Sociology of Science." in *Proceedings of the Third International Congress of Medical Librarianship, Amsterdam, 5-9 May 1969,* ed. by K.E. Davis & W.D. Sweeney. (Excerpta Medica, Amsterdam, 1970) pp. 187-204.

* Garfield, E. "The Role of Man and Machine in an International Selective Dissemination of Information System." Paper presented at the International Congress of Documentation of the International Federation of Documentation, Buenos Aires, 1970.

* Garfield, E. & Cawkell, A.E. Location of milestone papers through citation networks. *Journal of Library History* 5(2): 184-188, 1970.

Garfield, E. & Foeman, G. "Statistical Analyses of International Chemical Research by Individual Chemists, Languages, and Countries." Paper presented at the American Chemical Society Division of Chemical Literature Meeting, Chicago, 1964.

Garfield, E. & Malin, M.V. "Can Nobel Prize Winners Be Predicted?" Paper presented at 135th Annual Meeting of the AAAS, Dallas, 1968.

* Garfield, E. & Sher, I.H. New factors in the evaluation of scientific literature through citation indexing. *American Documentation* 14(3):195-201, 1963.

* Garfield, E. & Sher, I.H. *ASCA (Automatic Subject Citation Alert),* a new personalized current awareness service for scientists. *American Behavioral Scientist* 10(5): 29-32, 1967.

* Garfield, E. & Sher, I.H. ISI's experiences with *ASCA*--a selective dissemination system. *Journal of Chemical Documentation* 7(3):147-153, 1967.

Garfield, E. & Sher, I.H. *Genetics Citation Index; Experimental Citation Indexes to Genetics with Special Emphasis on Human Genetics.* (Institute for Scientific Information, Philadelphia, 1963, 854 pp.) Cf. introductory material, pp. i-xviii.

Garfield, E., Sher, I.H. & Torpie, R.J. *The Use of Citation Data for Writing the History of Science.* (Institute for Scientific Information, Philadelphia, 1964, 86 pp.)

Garfield, E. & Stevens, L.J. Ueber den *Science Citation Index (SCI)* und verwandte Entwicklungen der juengsten Zeit. *Nachrichten fuer Dokumentation* 16(3):130-140, 1965.

Garfield, E. & Torpie, R.J. "Dissemination and Retrieval of Information in Microbiology and Chemotherapy by Citation Indexing." Paper presented at the Fifth Interscience Conference on Antimicrobial Agents and Chemotherapy and Fourth International Congress on Chemotherapy (Joint Meeting), Washington, 1965.

Ghosh, J.S. Literature searching with the *Science Citation Index;* an experimental study. *Ann. Lib. Sci. Doc.* 14(3): 133-142, 1967.

Gilyarevskii, R.S., Mulchenko, Z.M., Terekhin, A.T. & Chernyi, A.I. "Experience with and Studies on the *Science Citation Index*." in *Applied Documentation,* ed. by V.V. Nalimov (Izd. Nauka, Moscow, 1968) pp. 32-53.

Hagstrom, W.O. "Inputs, Outputs, and the Prestige of American University Science Departments." Paper presented at the American Association for the Advancement of Science, Chicago, 1970.

Hart, H.C. Re: citation system for the Patent Office. *Journal of the Patent Office Society* 31:714, 1949.

Hayman, M. & Peskin, R. Need of the research-oriented psychiatrist for information retrieval. *Diseases of the Nervous System* 28(12):798-803, 1967.

Korennoi, A.A. Science citation indexes; applications in the science of science and informatics. *Nauchno-Tekhnicheskaya Informatsiya Ser. II* 2(10):3-6, 1968.

Lipetz, B.-A. Improvement of the selectivity of citation indexes through inclusion of citation relationship indicators. *American Documentation* 16:81-90, 1965.

Lipetz, B.-A. "The Effect of a Citation Index on Literature Use by Physicists." in *Proceedings 1965 Congress of the International Federation for Documentation* (Spartan Books, Washington, 1966) pp. 107-117.

MacRae, D. Jr. Growth and decay curves in scientific citations. *American Sociological Review* 34(5):631-635, 1969.

Malin, M.V. The *Science Citation Index,* a new concept in indexing. *Library Trends* 16(3):374-387, 1968.

Margolis J. Citation indexing and evaluation of scientific papers. *Science* 155(3767):1213-1219, 1967.

Martyn, J. An examination of citation indexes. *ASLIB Proceedings* 17(6):184-196, 1965.

Martyn, J. Citation indexing. *The Indexer* 5(1):5-15, 1966.

Matthews, G.M. & van Luik, J. Citation and subject indexing in science. *Library Resources & Technical Services* 9(4):478-482, 1965.

May, K.O. & Janke, N.C. Abuses of citation indexing. *Science* 156(3777):890-892, 1967.

Orient, I.M. A statistical study of the citation of papers on analytical chemistry. *Industrial Laboratory* 33(11): 1575-1578, 1967 (original Russian text in *Zavodskaya Laboratoriya* 33(11):1383-1385, 1967).

Ornstein, L. [A letter to the editor of] *Science* 153 (3741):1193, 1966.

Parker, E.B., Paisley, W.J., & Garrett, R. "Bibliographic Citations as Unobstrusive Measures of Scientific Communication." (Stanford University Institute for Communications Research, Stanford, 1967, 125 pp.)

Price, D.J. deS. Is technology historically independent of science? A study in statistical historiography. *Technol. Culture* 6(4):553-568, 1965.

Price, D.J. deS. Networks of scientific papers. *Science* 149(3683):510-515, 1965.

Price, D.J. deS. Citation practice. *ASLIB Proceedings* 21(8):328, 1969.

Price, D.J. deS. Measuring the size of science. *Proceedings of the Israel Academy of Sciences and Humanities* 4(6): 98-111, 1969.

Rieger, L.A. "Subject Searching with the *Science Citation Index, Chemical Abstracts* and *Index Medicus* in the Preparation of a Drug Bibliography." Paper presented at a Symposium of the Pharmaceutical Division of the Special Libraries Association, Los Angeles, 1968.

Roderick, W.R. Expedient referral service. [A letter to the editor of] *Science* 153(3741):1193, 1966.

Routh, S.J. "Citation Indexing and Title Permutation." in *Changing Concepts in Librarianship; Proceedings of the 14th Biennial Conference, Library Association of Australia, Brisbane, 1967.* (14th Biennial Conference Committee, Brisbane, 1968).

Seidel, A.H. Citation system for Patent Office. *Journal of the Patent Office Society* 31:554, 1949.

Sher, I.H. & Garfield, E. "New Tools for Improving and Evaluating the Effectiveness of Research (*Science Citation Index,* 1965)". Paper presented at the Second Conference on Research Program Effectiveness, Washington, July 27-29, 1965.

Sher, I.H. & Garfield, E. "The Genetics Citation Index Experiment." in *Proceedings of the American Documentation Institute, 26th Annual Meeting* (American Documentation Institute, Chicago, 1963) pp. 63-64.

Sher, I.H., Garfield, E. & Elias, A.W. Control and elimination of errors in ISI services. *Journal of Chemical Documentation* 6(3):132-135, 1966.

Spencer, C.C. Subject searching with *Science Citation Index;* preparation of a drug bibliography using *Chemical Abstracts, Index Medicus,* and *Science Citation Index 1961* and *1964. American Documentation* 18(2):87-96, 1967.

Tagliacozzo, R. Citations and citation indexes; a review. *Methods of Information in Medicine* 6(3):136-42, 1967.

Toma, E. Indexurile de trimiteri bibliografice (citation indexing). *Studii si Cercetari de Documentare si Bibliologie* 8(1):25-34, 1966.

Tukey, J.W. A citation index for statistics and probability. *Bulletin de l'Institut International de Statistique* (40): 747-756, 1964.

Tukey, J.W. Keeping research in contact with the literature; citation indexes and beyond. *Institute of Radio Engineers Transactions on Engineering Writing & Speech* 5:78-82, 1962.

Vekerdy, L. *Science Citation Index* recensiones. *Acta Physiol. Acad. Sc. Hung.* 32(3):287-290, 1967.

Vlcek, A. K ohlasu vedeckych praci. *Vesmir* 46(12): 377, 1967.

Waterman, A.T. Early information evaluation. *Science* 155(3761):398, 1967.

Weil, B.H. Citations. [A letter to the editor of] *ASLIB Proceedings* 18(9):277, 1966.

* Weinstock, M. "Citation Indexes." in *Encyclopedia of Library and Information Science* (Marcel Dekker, New York, 1971) Vol. 5, pp. 16-40.

Weinstock, M., Fenichel C., & Williams, M.V.V. "Systems Design Implications of the Title Words of Scientific Journal Articles in the *Permuterm Subject Index.* I. Conformity to Zipf's Law." Paper presented at the Seventh Annual National Information Retrieval Colloquium, Philadelphia, May 7-8, 1970.

Whitley, R.D. Communication nets in science; status and citation patterns in animal physiology. *Sociological Review* 17(2):219-233, 1969.

Wood, N.W. Citations. [A letter to the editor of] *Nature* 18:277, 1966.

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3. By ISI source journal abbreviation, with the full title.
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AERONAUTICS

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DERMATOLOGY

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INT A ALLER
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PROG ALLERG

DIETETICS
SEE NUTRITION & DIETETICS

DOCUMENTATION
SEE INFORMATION SCIENCE

EARTH SCIENCE
SEE GEOSCIENCE & EARTH SCIENCE

ECOLOGY

ECOL MONOGR
ECOLOGY
ENVIR RES
J ANIM ECOL
J APPL ECOL
J ECOLOGY
J WILDL MAN
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PALAEOGEO P

EDUCATION

AM BIOL TEA
AM J PHAR E
BR J ED PSY
CATH SCH J
EDUC PERSPE
EDUC PSYC M
EDUC REV
ENG EDUC
IEEE EDUCAT
INT J EL EN
J CHEM EDUC
J COUN PSYC
J EDUC DATA
J EDUC PSYC
J EDUC RES
J EXP C PSY
J EXP EDUC
J MED EDUC
J NEGRO ED
J RES MUSIC
SCH COMMUN

ELECTRICITY

ANN RADIOEL
ARCH ELEK U
ARCH ELEKTR
ELEKTR Z B
IBM J RES
IEEE APPL I
IEEE DEVICE
IEEE EL INS
IEEE ELM CS
IEEE ELMAGN
IEEE IND AP
IEEE INFO T
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IEEE RELIAB
IEEE SON UL
IEEE SPECTR
INF CONTR
INF STORAGE
INT J CONTR
J ELCHEM SJ
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J GEOMAGN G
MED RES ENG
NACHRTECH Z
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ELECTROCHEMISTRY

ELECTR ACT
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ENREGY CONV
J ELCHEM SJ
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ELECTRONICS

AM J MED EL
COMPUTER HU
ELECTR CO J
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ELECTRONICS
ELEKTR DAT
ELETTROTECN
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IEEE GEOSCI
IEEE IND EL
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INTER ELECT
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EMBRYOLOGY

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ENDOCRINOLOGY

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ANN ENDOCR
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ENGINEERING

AACE B
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AGR ENG
AIR ENG
AIRCR ENG
B POL TECHN
COMB EXPL R
COMBUSTION
COMPRES AIR
COST ENG
DESALINATN
DESIGN NEWS
ENG EDUC
ENG GEOL
ENG J
ENG MAT DES
ENGINEERING
ENV CONT S
ENV CONTR M
ENVIR Q
FOOD ENG
HYDRA PNEUM
IEEE E WRIT
IEEE EDUCAT
IEEE MANAGE
IEEE RELIAB
IND ENG
INF CONTR
ING ARCH
INT J CONTR
INT J ENG S
J ACM
J ADHESION
J AGR ENG R
J AUD ENG S
J CAN PET T
J SCI IND R
KY ENGINEER
MACH PROD E
MATER ENG
MEAS CONTRO
MED BIO ENG
MES REG AUT
NAV ENG J
NAV RES REV
NEC RES DEV
NON-DESTR T
NUCL ENG DE
NUCL SCI EN
PHIL RES R
POWER ENG
RECLAM ERA
REFRACTOR J
REFRIG AIR
RUSS EN J R
SOC PET E J
SUMITOMO SE
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ENGINEERING, CHEMICAL

A I CH E J
AM GAS J
APPL SCI RE
ASLE TRANS
BR CHEM ENG
CAN J CH EN
CHEM ENG L
CHEM ENG N
CHEM ENG PR
CHEM ENG SC
CHEM IND L
CHEM-ING-T
CHEM PR ENG
CHIM IND GC
COKE CHEM R
COMB FLAME
CORROS TRAI
ERD KOH EPB
FUEL
HYDROC PROC
IND CHIM BE
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IND ENG F
IND ENG POD
IND ENG PRD
ING CHIM IT
INT CHEM EN
J APPL CHEM
J CATALYSIS
J CHEM EN D
J I FUEL
J I PETROL
J PETRO TEC
J VAC SCI T
LUBRIC ENG
MANUF CHEM
NUCL ENG DE
OXID COMB R
PER POLY CE
PIPE GAS J
REV I F PET
RUBBER AGE

ENGINEERING, CIVIL

AIR FOR CE
AUST CIV EN
BYGNIN MEDD
CIVIL ENG
DOCK HARB A
J I HIGHW E
MATER EVAL
MATER RES S
MEM S R MET
NUCL ENG DE
P I CIV ENG
SAE J
SAE PR TECH
SAE TRANS
TRANSP RES

ENGINEERING, ELECTRICAL & ELECTRONIC

ACT POLY EL
ARCH ELEK U
ARCH ELEKTR
AUDIO
BELL LAB RE
BELL SYST T
BROWN BOV R
COMPUTER AU
COMPUTER BU
COMPUTER HU
CONTROL ENG
DATAMATION
EEI B
ELEC EN JAP
ELEC REV
ELEC TECH R
ELECTR CO J
ELECTR ENG
ELECTR ENGR
ELECTR PROD
ELECTROTECH
ERICSSON RE
GEC AEI J
IEEE ANTENN
IEEE AUDIO
IEEE AUTO C
IEEE B TELE
IEEE BROADC
IEEE C TECH
IEEE CIRC T
IEEE COMPUT
IEEE DEVICE
IEEE E WRIT
IEEE EDUCAT
IEEE EL INS
IEEE ELM CS
IEEE IND AP
IEEE IND EL
IEEE INFO T
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IEEE J Q EL
IEEE J SOLI
IEEE MAN-MA
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IEEE MICR T
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IEEE POWER
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POST O EE J
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RADIO ENG R
RADIO SCI
RCA REVIEW
REV EL COMM
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TEL RAD E R
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WIREL WORLD

ENGINEERING, MECHANICAL

ABRASIV ENG
ACT POLY CI
ACT POLY MA
ACT POLY ME
ACT TECHN H
ASHRAE J
BALL BEAR J
BRENN WARME
COMBUSTION
CUT TOOL EN
EXP MECH
HYDRA PNEUM
INT J MECH
INT J TRI
J ACM
J APPL MECH
J BASIC ENG
J ENG IND
J ENG POWER
J FLUID MEC
J HEAT TRAN
J JAP S LUB
J LUB TECH
J MECANIQUE
J MECH ENG
J MECHANISM
J SPAC ROCK
MACH TOOL R
MACHINE DES
MANUF ENG M
MASCHIN TEC
MATER EVAL
MECH ENG
MECH ENG SC
MECH HANDL
MECHANIK
MISSILI
PER POLY ME
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PUMPS
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SAE TRANS
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TEC MIT K W
Z FLUGWISS

ENTOMOLOGY

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ANN ENT S A
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ANN SOC ENT
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J MED ENT
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WORLD REV P

ENZYMOLOGY

ACT VIT ENZ
ADV ENZYM
ENZ BIOL CL
ENZYMOLOGIA
INT J PROT
J MACR S RM

FERTILITY
SEE GYNECOLOGY & OBSTETRICS

FISHERIES

CALIF FISH
COMMER FISH
J FISH BIOL
J FISH RES
PROG FISH C
T AM FISH S
USBSFW R
USFW FISH B
WORLD FISH

FOOD TECHNOLOGY
SEE AGRICULTURE & FOOD TECHNOLOGY

FORESTRY

COM FOR REV
FOREST CHRO
FOREST SCI
FORESTRY
J FORESTRY
MITT B FORS

FUELS

AM GAS AS M
AM GAS J
FUEL
J I FUEL
LUBRICATION
PIPE GAS J
REACT FUEL

GASTROENTEROLOGY

AM J DIG DI
AM J GASTRO
BIBL GASTRO
DIGESTION
DIS COL REC
GASTROENTY
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Z GASTROENT

GENETICS & HEREDITY

ACT GENET M
ADV GENETIC
AGR HOR GEN
AM J HU GEN
ANN GENET
ANN HUM GEN
ANN R GENET
B EUR S HUM
BIOCHEM GEN
BROOK S BIO
CAN J GENET
CARYOLOGIA
CHROMOSOMA
CLIN PEDIAT
CYTOGENET
EVOLUTION
GENET IBER
GENET POL
GENET RES
GENETICA
GENETICS
HEREDITAS
HEREDITY
HUMAN BIOL
HUMAN DEV
HUMAN HERED
HUMANGENET
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J GENETICS
J HEREDITY
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JAP J HUM G
MOL G GENET
MUTAT RES
PROG MED GE
SOCIAL BIOL
THEOR A GEN

GENITOURINARY SYSTEM
SEE UROGENITAL SYSTEM

GEOGRAPHY

B POL GEOL
GEOGR J
PALAEOGEO P
REV GEOG PH
TROP GEO ME

GEOLOGY

AM A PETR G
ARK MIN GEO
B POL GEOL
CHEM GEOL
ECON GEOL
ENG GEOL
GEOL MAG
GEOL S AM B
GEOL S IN B
J GEOLOGY
J PETROLOGY
J SED PETRO
LETHAIA
MARINE GEOL
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NZ J GEOL
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P R IR AC B
REV GEOG PH
SEDIMENT GE
SEDIMENTOL
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Z ANG GEOL

GEOPHYSICS

ANN GEOFIS
ANN GEOPHYS
ARK GEOFYS
GEOEXPLOR
GEOPHYS J R
GEOPHYSICS
INT J ROCK
J GEOPH RES
MARINE GEOL
NZ J GEOL
PAP MET GEO
PUR A GEOPH
REV GEOPHYS
STUD GEOPH
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TELLUS

GEOSCIENCE & EARTH SCIENCE

AM A PETR G
AM J SCI
AM MINERAL
ANN GEOFIS
ANN GEOPHYS
ARK GEOFYS
AUST J SOIL
B POL GEOL
B S FR MIN
B SEIS S AM
CAN J EARTH
CAN J SOIL
CONTR MIN P
EARTH PLAN
EARTH SCI R
ECON GEOL
GEOCH COS A
GEOCH INT R
GEOFIS MET
GEOL MAG
GEOL S AM B
GEOPHYS J R
GEOPHYSICS
GEOTECHNIQ
HYDROC PROC
IEEE ELMAGN
IEEE GEOSCI
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J GEOLOGY
J GEOMAGN G
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J SOIL SCI
MARINE GEOL
MINERAL MAG
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PUR A GEOPH
RADIOCARBON
REV GEOG PH
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STUD GEOPH
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TECTONOPHYS
TELLUS
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GERIATRICS

ANN RHEUM D
ARTH RHEUM
BIBL VIT HU
EXP GERONT
GERIATRICS
GERONT CLIN
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GERONTOLOGY

ACT GERONT
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GYNECOLOGY & OBSTETRICS

ACT OBST SC
AM J OBST G
ARCH GYNAK
AUST NZ J O
BIBL GYNAEC
FERT STERIL
GYNAECOL
GYNECOL INV
INT J FERT
J REPR FERT
J REPRO MED
OBSTET GYN
SURG GYN OB

HEART
SEE CARDIOVASCULAR SYSTEM

HEMATOLOGY

ACT HAEMAT
BIBL HAEM
BLOOD
BLUT
BR J HAEM
NOUV RF HEM
SEM HEMATOL
THROMB DIAT
TRANSFUSION
VOX SANGUIN

HEREDITY
SEE GENETICS & HEREDITY

HISTOLOGY
SEE CYTOLOGY & HISTOLOGY

HORTICULTURE

AGR HOR GEN
AM HORT MAG
GARDEN J
HORT RES
HORTICULT
J AM S HORT
J HORT SCI
P AM S HORT
SCI HORT

HYGIENE & PUBLIC HEALTH

ACT DER-VEN
AM IND HYG
AM J EPIDEM
AM J PUB HE
AM J TROP M
ANN TROP M
ARCH ENV HE
ARCH HY BAK
B NARCOTICS
B OF SAN PA
B WHO
BIBL VIT HU
BR J IND ME
BR J PREV S
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EFF WAT TRE
HEALTH PHYS
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J AIR POLLU
J ECON ENT
J EXP BIOL
J HYG CAMB
J HYG EP MI
J NUCL MED
J TROP MED
J WATER P C
MONATS UNFA
NUCL SAFETY
PUBL HEALTH
T RS TROP M
TROP GEO ME
WATER RES R
WHO CHRON
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ZENTR BAKT

IMMUNOLOGY

ACT DER-VEN
ACT PAT S B
ACT VIROLOG
AM J TROP M
ANN IN PAST
ANN TROP M
BR J PREV S
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CLIN EXP IM
IMMUNOCHEM
IMMUNOLOGY
INT A ALLER
J ANTIBIOT
J HYG EP MI
J IMMUNOL
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REV IMMUNOL
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VIROLOGY
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INFORMATION SCIENCE AND LIBRARY SCIENCE

ASLIB PROC
AUT REMOT R
B INF SCI T
B MED LIB A
CC LIFE SCI
COLL RES LI
COMPUTER AU
DATAMATION
FRONT LIBR
IEEE E WRIT
IEEE INFO T
IEEE MANAGE
INF CONTR
INF SCI
INF SCIENT
INF STORAGE
J AM S INFO
J CHEM DOC
J DOC
J EDUC LIBR
J LIBR AUT
LIB RES TEC
LIB TRENDS
LIBRARY J
LIBRARY Q
MET INF MED
NACHR DOKUM
NAU T INF 1
NAU T INF 2
OPERAT R Q
OPERAT RES
PATT RECOG
SPECIAL LIB
TEC INF C A
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INSTRUMENTATION
SEE INSTRUMENTS & INSTRUMENTATION

INSTRUMENTS & INSTRUMENTATION

APPL SPECTR
ARCH TECH M
ASTROPH J S
ASTROPHYS J
AUST J INST
AUT REMOT R
BIOTECH BIO
IEEE INSTR
IEEE POWER
IND LAB R
INFRAR PHYS
INSTR EXP R
INSTR PRACT
INSTR TECH
INSTRUMENT
ISA TRANS
J INDIAN I
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LARYNGOSCOP
MATER EVAL
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METROLOGIA
MICROTECNIC
NUCL INSTR
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PHOTOCHEM P
RADIOCARBON
REV SCI INS
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VAKUUM-TECH

LARYNGOLOGY

ACT OTO-LAR
ADV OTO-RH
ANN OTOL RH
LARYNGOSCOP
PRAC OTO-RH

LIBRARY SCIENCE
SEE INFORMATION SCIENCE AND LIBRARY SCIENCE

LIMNOLOGY

ARCH HYDROB
ARCH OCEAN
AUST J MAR
EFF WAT TRE
INT J OCEAN
J WATER P C
LIMN OCEAN
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LINGUISTICS

FOUND LANG
IEEE E WRIT
J VERB LEAR
LANG SPEECH
MECH TRANSL
PHONETICA

MACHINERY

ASHRAE J
CUT TOOL EN
INT J MACH
J ACM
MACH PROD E
MACH TOOL R
MACHINE DES
MACHINERY
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MECHANIK
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MANAGEMENT

AACE B
ADM MANAG
ENV CONT S
ENV CONTR M
FUTURES
HARV BUS RE
IND ENG
J MANAG STU
LONG RANG P
RES DEVELOP
RES MANAG

MARINE BIOLOGY

ADV MAR BIO
ARCH HYDROB
AUST J MAR
BOTAN MARIN
CAH BIO MAR
CAH ORST HY
INV PESQ
J MARINE BI
MARINE BIOL
SARSIA
SEA FRONT
USBSFW R
VIE MILIE A
WORLD FISH

MATERIAL SCIENCE

ACT POLY CH
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ADHES AGE
AM CERAM S
ANTI-CORROS
APPITA
ASLE TRANS
B S FR CER
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CERAM AGE
CERAMICS
CLAY CLAY M
COLOR ENG
COMB SCI T
CONCRETE
CONCRETE Q
CORROS SCI
ENG MAT DES
FET SEI ANS
FLUORIDE
GLASS TECH
GROUND WAT
HOLZF HOLZV
IEEE PARTS
IND DIAM RE
INT BIOD B
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LUBRIC ENG
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MATER SCI E
MINERAL MAG
MOD PLAST
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NORSK SKOG
PAP PUU
PHYS C GLAS
PLAST POLYM
PROG MAT SC
REACT MATER
REFRACTOR J
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REV IN HAUT
RUBBER AGE
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WOOD SCI TE
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ZELL PAPIER

MATHEMATICS

ACT MATH
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ADV MATH
AM J MATH
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APPL SCI RE
APPL STAT
ARCH MATH
ARCH MEC ST
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CALC STAT A
CAN J MATH
CAN MATH B
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COMM MATH H
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COMP MATH
CR AC SCI A
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DAN SSSR
DOP UKR A
DUKE MATH J
ECONOMETRIC
GLAS MATH J
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INDI MATH J
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INVENT MATH
ISR J MATH
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J DIFF EQUA
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J SCI IND R
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MANUSC MATH
MATH ANNAL
MATH COMPUT
MATH NACHR
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MEM AM MATH
METROLOGIA
MICH MATH J
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MECHANICS

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APPL SCI RE
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MEDICINE

ACT ALLERG
ACT BIO MED
ACT CHIR SC
ACT GENET M
ACT GENET S
ACT GERONT
ACT HEP-SPL
ACT MED H
ACT MED SC
ACT MORPH N
ACT OTO-LAR
ACT RAD DGN
ACT RAD TPB
ACT SOC MED
ACT U CAR M
ADV OTO-RH
ADV PSY MED
AEROSP MED
AFP/GP
AM J MED
AM J MED SC
AM J MENT D
AM J ROENTG
ANN ALLERGY
ANN INT MED
ANN OTOL RH
ANN R MED
ANN RHEUM D
ANN TROP M
ANTIB CHEMA
APPL MICROB
ARCH G VIR
ARCH GESCHW
ARCH I BIOL
ARCH IN MED
ARCH KREISL
ARCH ORTHOP
ARCH OTOLAR
ARCH TOXIK
ARTH RHEUM
AUST AN MED
AUST J EX B
B MED LIB A
B NARCOTICS
B NY AC MED
B S SCI MED
B SC AK MED
BACT REV
BEITR KL T
BIBL PAED
BIBL PHONET
BIBL RADIOL
BIBL TUB ME
BIBL TUBERC
BIOCHEM MED
BIOL NEONAT
BR J RADIOL
BR MED BULL
BR MED J
BRAIN BEHAV
BRAIN RES
CALIF MED
CAN MED A J
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CLIN ORTHOP
CLIN SCI
CLIN TOXIC
COMPUT BIOM
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DIABETES
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HELV MED A
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J ORAL THER
J PARASITOL
J REPRO MED
J TROP MED
JAP CIRC J
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JOHNS H MED
KLIN WOCH
LANCET
LILLE MED
MAYO CLIN P
MED BIO ENG
MED C VIRG
MED CLIN NA
MED J AUST
MED RES ENG
MEDICINA
MEDICINE
MENTAL HYG
MET INF MED
MILIT MED
MOD TREAT
MONATS UNFA
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NY ST J MED
P KON NED C
P R VIRCH M
P ROY S MED
PERSP BIOL
PHYS MED BI
PNEUMONOL-P
POSTG MED J
POSTGR MED
PRAC OTO-RH
PRACTITION
PRESSE MED
PROG ALLERG
PSYCHOPHARM
Q J MED
RAD CLIN
RAD CLIN NA
RADIOLOGY
RIV MED AER
SCHW MED WO
SEM ROENTG
SOCIAL SC M
SOUTH MED J
STRAHLENTHE
T RS TROP M
TERATOLOGY
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VIRCH ARC A
VIROLOGY
VISION RES
YALE J BIOL
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MEDICINE, EXPERIMENTAL

ACT MED OKA
AEROSP MED
AM HEART J
AM J MED SC
AM J PHYS M
ANN IN PAST
ANN MED EXP
ARCH BIOL M
B EX BIO R
CALCIF TISS
CLIN MED
EXP CELL RE
EXP MED SUR
EXP MOL PAT
EXP PARASIT
EXPERIENTIA
I J BIOCHEM
I J MED RES
IEEE BIOMED
J ALB EIN M
J CLIN PHAR
J EMB EXP M
J EXP MED
J LA CL MED
J MED
J PHARM EXP
J RETIC SOC
JAP J EXP M
MED EXPERIM
MED RES ENG
P SOC EXP M
P U OTAGO M
PATH EUROP
PROG EX TUM
RIV MED AER
TOH J EX ME
Z GES EXP M

MEDICINE, LABORATORY

ACT HISTOCH
ACT ISOTOP
ACT RAD DGN
ACT RAD TPB
AM J CLIN P
AM J MED TE
AM J ROENTG
ANN BIOL CL
ANN RADIOL
ANTIB CHEMA
ARCH ANAT M
ARCH KL MED
AUST RADIOL
BIBL RADIOL
BR J RADIOL
CAN J MED T
CARDIO RES
CHEMOTHERA
CLIN CHEM
CLIN CHIM A
CURR THER R
F ROENT NUK
HEALTH LAB
INT J RAD B
J AM VET RA
J BELG RAD
J CELL SCI
J CLIN END
J CLIN INV
J CLIN PATH
J LA CL MED
J NUCL MED
LAB INV
MED BIO ILL
NUCL MED
POL REV RAD
RAD CLIN
RAD CLIN NA
RAD RAD FIS
RADIOLOGY
SC J CL INV
STAIN TECH
STRAHLENTHE
TRANSPLAN P
Z ZELL MIKR

MEDICINE, VETERINARY

ACT VET H
ACT VET SC
AM J VET RE
ANIM PRODUC
AUST VET J
AVIAN DIS
BR POULT SC
BR VET J
CAN J ANIM
CAN J COM M
CAN VET J
CORNELL VET
J AM VET ME
J AM VET RA
J ANIM SCI
J DAIRY RES
J DAIRY SCI
J RANGE MAN
J SM ANIM P
JAP J VET R
JAP J VET S
LAB ANIM CA
NAT I ANIM
NORD VETMED
PATH VET
PEST MON J
POULTRY SCI
RES VET SCI
VET MED/SAC
VET REC
WORLD POULT
Z VERS KUND

METALLURGY & MINING

ACT METALL
ACT POLY CH
ANTI-CORROS
ARCH EISENH
ASM T QUART
BLAST FURN
CAN METAL Q
CAN MIN MET
CORROS SCI
CORROSION
DOP UKR A
FONDERIE FR
GEOEXPLOR
INT J POWD
INT J ROCK
J AUS I MET
J I METALS
J IRON ST I
J LESSC MET
J METALS
J NUCL MAT
J SA I MIN
JERNKON ANN
MEM S R MET
METAL CONST
METAL CUT
METAL ENG Q
METAL FORM
METAL PROGR
METAL STAMP
METAL TREAT
METALL
METALL ITAL
METALLURG T
METALLURGIA
METALWORK E
METALWORK P
MIN CONGR J
MIN MET Q
POWD METALL
REFRACTOR J
REV METALL
RUSS MET R
SCRIP METAL
STAHL EISEN
STAL R
SUMITOMO SE
T IRON ST I
T JAP I MET
T MET S AIM
TEC MIT K F
Z METALLKUN

METEOROLOGY

AGR METEOR
ATMOS ENVIR
B AM METEOR
B ENVIR CON
ENV SCI TEC
ENVIR SP R
ENVIRONMENT
GEOFIS MET
IEEE ELMAGN
IEEE MICR T
J AIR POLLU
J ATM TER P
J ATMOS SCI
J ENVIR SCI
M WEATH REV
METEOR MAG
METEOR RUND
PALAEOGEO P
PAP MET GEO
PUR A GEOPH
Q J R METEO
RIV METEO A
Z METEOROL

MICROBIOLOGY

A VAN LEEUW
ACT DER-VEN
ACT MIC P A
ACT MIC P B
ACT MICRO H
ACT PAT S B
ACT PATH SC
ACT VIROLOG
AM J TROP M
AM R RESP D
ANN IN PAST
ANN R MICRO
ANN TROP M
APPL MICROB
ARCH G VIR
ARCH HY BAK
ARCH MIKROB
BACT REV
BIBL MICROB
BIKEN J
BIOTECH BIO
BR J VEN DI
CAN J MICRO
CHEMOTHERA
CYTOBIOS
EXP PARASIT
FOL MICROB
GIOR MICROB
GROWTH
J APPL BACT
J BACT
J GEN A MIC
J GEN MICRO
J HYG EP MI
J MARINE BI
J MED MICRO
J MOL BIOL
J PARASITOL
J PROTOZOOL
J RETIC SOC
J TROP MED
JAP J MICRO
MICROBIOS
MICROCHEM J
P HELM SOC
PARASITOL
PATH MICROB
SPERIMENTAL
T RS TROP M
TOX APPL PH
VIROLOGY
Z ALLG MIKR
Z TROP PARA
ZENTR BAKT

MICROCHEMISTRY
SEE CHEMISTRY, ANALYTICAL

MICROSCOPY

A VAN LEEUW
ARCH ANAT M
FOL MICROB
J BIOL PHOT
J MICROSCOP
MICROSCOPE
STAIN TECH
T AM MICROS
Z ZELL MIKR

MINERALOGY

AM MINERAL
ARK MIN GEO
B S FR MIN
CONTR MIN P
MIN DEPOSIT
MINERAL MAG

MINING
SEE METALLURGY & MINING

MORPHOLOGY
SEE ANATOMY & MORPHOLOGY

MYCOLOGY

BR MYCOL S
MYCOLOGIA
MYCOP MYC A
T BR MYCOL

NEUROLOGY

ACT NEUR SC
ACT NEUROP
ACT PSYC SC
ACTIV NERV
ADV PSY MED
AM J MENT D
AM J PSYCHI
ARCH NEUROL
BIBL PSYCH
BR J MED PS
BR J PSYCHI
BRAIN
BRAIN BEHAV
COMP PSYCHI
CONF NEUROL
DEUT Z NERV
DEVELOP MED
DIS NER SYS
EEG CL NEUR
EPILEPSIA
EUR NEUROL
EXP BRAIN R
EXP NEUROL
F NEUR PSYC
INT J NEURO
INT J PSYCH
J AM A CHIL
J COMP NEUR
J NE EXP NE
J NE NE PSY
J NERV MENT
J NEUR SCI
J NEUROCHEM
J NEUROSURG
J NEURPHYSL
J PSYCH RES
NEURO-CHIRE
NEUROCHIRA
NEUROENDOCR
NEUROLOGY
NEUROPHARM
NEUROPSYCHO
PENN PSYC Q
PSYCHIAT NE
PSYCHIAT Q
PSYCHIATRY
PSYCHOAN RE
PSYCHOPHARM
PSYCHOS MED
REV NEUROL
SOV NEUR R
SOV PSYCO R
TOP PR PSYC

NUCLEAR SCIENCE & TECHNOLOGY

ACT POLY PH
ANN R NUCL
ATOM ENER A
ATOM ENER R
ATOM STROM
ATOMKERNENE
ATOMPRAXIS
ATOMWIRTSCH
ENERGA ATOM
ENERGA NU M
ENERGA NUCL
ENERGE NUCL
EURO SPECTR
F ROENT NUK
IEEE NUCL S
INT J A RAD
ISOTOP RAD
J BR NUCL E
J INORG NUC
J NUC SCI T
J NUCL BIOL
J NUCL ENER
J NUCL MAT
J NUCL MED
J PHYS B
J RAD CHEM
J RADIOL
KERNENERGIE
KERNTECHNIK
LETT NUOV C
MIN FISICON
NUCL APPL T
NUCL ENERGY
NUCL ENG DE
NUCL ENG IN
NUCL FUSION
NUCL INSTR
NUCL MED
NUCL PHYS A
NUCL PHYS B
NUCL SAFETY
NUCL SCI EN
PHYS REV C
RAD RES REV
REACT MATER
REACT TECH
SOLAR ENERG
SOV AT EN R
SOV J NUC R
SPECT ACT A
SPECT ACT B
T AM NUCL S

NUTRITION & DIETETICS

AM J CLIN N
ANN NUTR AL
BIBL NUTR D
BR J NUTR
FDA PAPERS
FOOD TECHN
INT Z VITAM
J AM DIET A
J DAIRY RES
J DAIRY SCI
J FOOD SCI
J MILK FOOD
J NUTR
J NUTR DIET
J VITAMINOL
NUTR METAB
P NUTR SOC
Z ERNAHRUNG

OBSTETRICS
SEE GYNECOLOGY & OBSTETRICS

OCEANOGRAPHY

ANN I OCEAN
ARCH FISCH
ARCH OCEAN
AUST J MAR
B MARIN SCI
BEITR MEER
BER DW MEER
CAH ORST OC
CONTR MAR S
DEEP-SEA RE
DOCK HARB A
HELG W MEER
I J FISH A
I J FISH B
IAN SSS FAO
INT HYD REV
J CONSEIL
J FISH RES
J I NAVIG
J MARINE RE
LIMN OCEAN
MAR TECH SJ
NAV RES REV
OCEAN ENG
OCEANOL INT
OCEANOLOG R
OCEANS
PROG FISH C
PROG OCEAN
SEA FRONT
T AM FISH S
USFW FISH B
VIE MILIE B
WORLD FISH

ODONTOLOGY
SEE DENTISTRY & ODONTOLOGY

OPHTHAMOLOGY

ACT OPHTH K
ADV OPHTHAL
AM J OPHTH
AM J OPTOM
ARCH OPHTH
ARCH S A OF
BIBL OPHTH
BR J OPHTH
BR J PHYS O
CAN J OPHTH
DOC OPHTHAL
EXP EYE RES
EYE EAR NOS
INV OPHTH
OPHTHALMOLA

OPTICS

APPL OPTICS
APPL SCI RE
APPL SPECTR
ASTROPHYS J
BR J PHYS O
IND PHOTOGR
INFRAR PHYS
J MOL SPECT
J OPT SOC
MED BIO ILL
NACHR DOKUM
OPT SPECT R
OPTICA ACTA
OPTIK
PHOT SCI EN
PHOTOGR ENG
PHOTOGRAMMA
REV OPTIQ
SCI LIGHT
SOC PHO INS
SPECT ACT A
SPECT ACT B
VISION RES
Z WISS PHOT

ORNITHOLOGY

ARDEA
AUK
BIRD BAND
BIRD STUDY
CONDOR
IBIS
OIKOS

PAPER

AM PAP IND
APPITA
NORSK SKOG
PAP PUU
PAP TECHNOL
PAPIER
PULP PAPER
SVENS PAP T
TAPPI
ZELL PAPIER

PARASITOLOGY

ANN TROP M
EXP PARASIT
J PARASITOL
PARASITOL
Z PARASITEN
Z TROP PARA
ZENTR BAKT

PATHOLOGY

ACT PAT JAP
ACT PAT S A
ACT PATH SC
AM J MENT D
AM J PATH
ARCH PATH
B PATHOLOGY
BR J EX PAT
EXP MOL PAT
J CLIN PATH
J COMP PATH
J FOR SCI
J NE EXP NE
J PATHOLOGY
N-S ARCHIV
ORAL SURG O
PATH BIOL
PATH EUROP
PATHOLOGY
SPERIMENTAL
TOX APPL PH
VIRCH ARC A
VIRCH ARC B

PEDIATRICS

ACT PAED H
ACT PAED SC
AM J DIS CH
ARCH DIS CH
ARCH FR PED
BIBL PAED
CHILD DEV
CLIN PEDIAT
GENET PSYCH
HELV PAED A
J PED SURG
J PEDIAT
MON S RES C
PED CLIN NA
PEDIAT RES
PEDIATRICS
Z KINDERHEI

PHARMACOLOGY & PHARMACY

ACT PHARM S
ACT PHARM T
ACT POL PH
AGRESSOLOG
AM J HOSP P
AM J PHAR E
AM J PHARM
ANN PHARM F
ANN R PHARM
ANTIB CHEMA
ARCH I PHAR
ARCH PHARM
ARZNEI-FOR
BR J PHARM
CAN J PH SC
CANC CH P1
CANC CH P2
CANC CH P3
CHEM PHARM
CHEMOTHERA
CLIN PHARM
CURR THER R
CYTOBIOS
DISS PHARM
DRUG COSMET
DRUG INTEL
EUR J PHARM
FARMACO PRA
FARMACO SCI
FDA PAPERS
HELV PHYSL
INT J NEU
INT PHARMAC
J AM PHARM
J ANTIBIOT
J CLIN PHAR
J MED CHEM
J PHARM EXP
J PHARM PHA
J PHARM SCI
JAP J PHARM
KHIM FAR ZH
LLOYDIA
MOLEC PHARM
N-S ARCHIV
P WEST PH S
PHARM ACT H
PHARM CH R
PHARM PRAX
PHARM REV
PHARMACOL
PHARMACOLOG
PHARMAZIE
PROD P PHAR
PSYCHOPHARM
QUAL PLANT
TOXICON
YAKUGAKU ZA

PHARMACY
SEE PHARMACOLOGY & PHARMACY

PHOTOGRAPHY

APPL OPTICS
IND PHOTOGR
J BIOL PHOT
J OPT SOC
J PHOT SCI
J SMPTE
MED BIO ILL
OPTICA ACTA
OPTIK
PHOT SCI EN
PHOTOCHEM P
PHOTOGRAMMA
SOC PHO INS
Z WISS PHOT
ZH NP FOTOG

PHYSICS

ACT CRYST A
ACT PHYS AU
ACT PHYS CH
ACT PHYS H
ACT POLY PH
ADV MOL REL
ADV PHYSICS
AKUST BEIHE
AM J PHYS
AN FISICA
ANN BRUX 1
ANN I HEN A
ANN PHYSICS
ANN PHYSIK
ANN PHYSIQ
ANN R NUCL
APPL PHYS L
APPL SCI RE
ARK FYSIK
ATT ANL R F
AUST J PHYS
B AM PHYS S
B POL MATH
CAN J PHYS
CESK C FYS
CHEM PHYS L
COM PA MATH
COMB FLAME
COMM MATH P
CONT PHYS
CR AC SCI A
CR AC SCI B
CRYOGENICS
CZEC J PHYS
DISC FARAD
ENERGY CONV
FORTSCHR PH
FUEL
HELV PHYS A
HIGH TEMP R
I J PA PHYS
I J PHYSICS
I J THEOR P
IAN SSS FIZ
IEEE NUCL S
INFRAR PHYS
INT J ELECT
INT J HEAT
IVUZ FIZ
J APPL PHYS
J BR NUCL E
J CHEM PHYS
J CHIM PHYS
J FAC TOK 1
J FLUID MEC
J GEOMAGN G
J HEAT TRAN
J MAGR S PH
J MATH PHYS
J MATH&PHYS
J MECH PHYS
J NUCL MAT
J OPT SOC
J PHYS A
J PHYS B
J PHYS C
J PHYS CH S
J PHYS D
J PHYS JAP
J PHYSIQUE
J PLASMA PH
J POL SC A2
J RES NBS A
J SCI IND R
J SOUND VIB
J VAC SCI T
JAP J A PHY
JETP LETTER
LETT NUOV C
METROLOGIA
MIN FISICON
MOLEC PHYS
NUCL FUSION
NUCL INSTR
NUCL PHYS A
NUCL PHYS B
NUOV CIM A
NUOV CIM B
OPT SPECT R
OPTICA ACTA
OPTIK
P KON NED B
P R IR AC A
P ROY SOC A
P RS EDIN A
PHI T ROY A
PHILOS MAG
PHYS C GLAS
PHYS FLUIDS
PHYS KOND M
PHYS LETT A
PHYS LETT B
PHYS MED BI
PHYS MET R
PHYS NORVEG
PHYS REV A
PHYS REV B
PHYS REV C
PHYS REV D
PHYS REV L
PHYS ST SOL
PHYS TODAY
PHYSICA
PLASMA PHYS
PROG T PHYS
Q J MECH AP
REP ION SPA
REP PR PHYS
REV G THERM
REV M PHYS
REV PHYS AP
REV RO PHYS
SOL ST COMM

SOL ST ELEC
SOLAR ENERG
SOLAR PHYS
SOV J NUC R
SOV PH CR R
SOV PH JE R
SOV PH SE R
SOV PH SS R
SOV PH TP R
SOV PH US R
SPECT ACT A
SPECT ACT B
STU CER FIZ
SUMITOMO SE
SUPP PR T P
SURF SCI
T AM NUCL S
T FARAD SOC
VACUUM
VAKUUM-TECH
Z ANG MA ME
Z ANG MATH
Z ANG PHYS
Z KRISTALL
Z NATURFO A
Z PHYS
Z PHYS CH F
Z PHYS CH L
Z WISS PHOT

SIOLOGY

ACT ENDOCR
ACT PHYSL H
ACT PHYSL L
ACT PHYSL N
ACT PHYSL P
ACT PHYSL S
ACUSTICA
ADV R PHYSL
AGRESSOLOG
AM ANTHROP
AM HEART J
AM J P ANTH
AM J PHYSL
ANN ENDOCR
ANN R PHYSL
ARCH I PHYS
ARCH SCI PH
BIBL PRIMAT
BIBL VIT HU
BR J PHYS O
CAN J PHYSL
EEG CL NEUR
ENDOCR JAP
ENDOCRINOL
ENDOKRINOL
F NEUR PSYC
GEN C ENDOC
H-S Z PHYSL
HELV PHYSL
HUMAN BIOL
INT Z ANG P
J ACOUST SO
J APP PHYSL
J CELL PHYS
J CLIN END
J ENDOCR
J GEN PHYSL
J NEURPHYSL
J PHYSL LON
J PHYSL PAR
JAP J PHYSL
METABOLISM
NEPHRON
PFLUG ARCH
PHYSIOL REV
PHYSL BEHAV
PHYSL BOHEM
PHYSL CHEM
PSYCHOPHYSL
Q J EXP PHY
RESP PHYSL
REV ESP FIS
TOP PR PSYC
Z VER PHYSL

LYMER SCIENCE

APP PLAS RE
CHEM H POLY
EUR POLYM J
INT J PROT
J APPL POLY
J MACR S RM
J POL SCI A
J POL SC A1
J POL SC A2
J POL SCI B
J POL SCI C
MOD PLAST
PLAST POLYM
PLAST WORLD
POLYM ENG S
POLYMER
VYSO SOED B
WEST PLASTI

IMATOLOGY
SEE ZOOLOGY

YCHIATRY

ACT PSYC SC
ADV PSY MED
AM J ORTHOP
AM J PSYCHI
ARCH G PSYC
BIBL PSYC N
BR J PSYCHI
COMP PSYCHI
CONF PSYCH
F NEUR PSYC
INT PHARMAC
J AM A CHIL
J CHILD PSY
J NE NE PSY
PSYCHIAT CL
PSYCHIAT NE
PSYCHIATRY
PSYCHOSOMAT
SEM PSYCHIA
SOCIAL PSY
SOV NEUR R

YCHOLOGY

ACT PSYC SC
ACT PSYCHOL
AM BEHAV SC
AM J PSYCHA
AM J PSYCHI
AM J PSYCHO
AM J PSYCHT
AM PSYCHOL
ANIM BEHAV
ANN ANIM PS
ANN PSYCHOL
ANN R PSYCH
ARCH G PSYC
AUST J PSYC
BEHAV RES T
BEHAV SCI
BIBL PSYC N
BIBL VIT HU
BR J ED PSY
BR J MATH S
BR J MED PS
BR J PSYCHI
BR J PSYCHO
BR J SOCIAL
CAN J PSYCH
CAN PSYCHOL
COMM MENT H
CONF PSYCH
DIS NER SYS
EDUC PSYC M
GENET PSYCH
HUMAN FACT
I J PSYCHOL
INT J CE HY
INT J GRP P
J ABN PSYCH
J ANAL PSYC
J APPL BEH
J APPL PSYC
J CHILD PSY
J CLIN PSYC
J COM PHYSL
J CONS CLIN
J COUN PSYC
J EDUC PSYC
J ENG PSYCH
J EX AN BEH
J EXP C PSY
J EXP PSYCH
J EXP S PSY
J GEN PSYCH
J GENET PSY
J INDIV PSY
J MATH PSYC
J NE NE PSY
J NERV MENT
J PERS SOC
J PERSONAL
J PSYCHOL
J PSYCHOSOM
J SOC PSYCH
J VERB LEAR
JAP PSY RES
MENTAL HYG
NEUROPSYCHO
PERC MOT SK
PERC PSYCH
PERS PSYCH
PHYSL BEHAV
PSYCH PRAX
PSYCHIATRY
PSYCHOL AFR
PSYCHOL B
PSYCHOL FOR
PSYCHOL ISS
PSYCHOL REC
PSYCHOL REP
PSYCHOL REV
PSYCHOL STU
PSYCHOL TOD
PSYCHOMETRI
PSYCHON SCI
PSYCHOPHARM
PSYCHOPHYSL
PSYCHOS MED
PSYCHOTH PS
Q J EXP PSY
SC J PSYCHO
SOV PSYCO R
Z EXP A PSY

PUBLIC HEALTH
SEE HYGIENE & PUBLIC HEALTH

RADIO
SEE TELECOMMUNICATIONS

RADIOLOGY

ACT RAD DGN
ACT RAD TPB
AM J ROENTG
ANN RADIOL
AUST RADIOL
BIBL RADIOL
BR J RADIOL
F ROENT NUK
INT J A RAD
INT J RAD B
INV RADIOL
ISOTOP RAD
J AM VET RA
J BELG RAD
J COLL RAD
J RADIOL
MIN RAD
POL REV RAD
RAD CLIN
RAD CLIN NA
RAD DIAGN
RAD HE DATA
RAD RAD FIS
RADIAT RES
RADIOLOGY
SEM ROENTG

REACTORS
SEE NUCLEAR SCIENCE & TECHNOLOGY

RESPIRATORY SYSTEM

ACT ALLERG
ADV OTO-RH
AM R RESP D
ANN ALLERGY
ANN OTOL RH
ARCH KL EXP
ARCH OTOLAR
CHEST
EYE EAR NOS
INT A ALLER
J ALLERGY
J THOR SURG
LARYNGOSCOP
METABOLISM
PRAC OTO-RH
PROG ALLERG
RESPIRATION
SC J RESP D
THORAX

RHEUMATISM

ANN RHEUM D
ARCH I RHEU
ARTH RHEUM
Z RHEUMAFOR

RHINOLOGY
SEE RESPIRATORY SYSTEM

SCIENCES, MULTIDISCIPLINARY

ACT CIENT V
ADV SCI
AM J SCI
AM SCIENT
AN AC BRASI
ANAL LETTER
ANN NY ACAD
ANTARCTIC J
APPL SCI RE
ARB U B MAT
ARCH SCI
ARCTIC
ATT ANL R F
B CSAR BELG
B NJ ACAD S
BELL SYST T
BIOSCIENCE
CIENCIA MEX
CR AC SCI D
CR SOC PHYS
CURRENT SCI
DAN SSSR
ENDEAVOUR
EURO SPECTR
EXPERIENTIA
GEN SYST
I J TECHN
IBM J RES
IMPACT SCI
IND RES
ISR J TECH
J FRANKL I
J SCI LAB D
J STORED PR
LIFE SCI
LIFE SCI P1
LIFE SCI P2
MAT FYS MED
MAT FYS SKR
MEM I OSW C
NATURAL CAN
NATURE
NATURWISSEN
NAV RES REV
NBS MONOGR
NZ J SCI
P AC NAT S
P CAMB PHIL
P I A SCI B
P JAP ACAD
P NAS IND A
P NAS IND B
P NAS US
P R IR AC B
P RS EDIN A
P RS EDIN B
PAC SCI
PHIL RES R
PHIL TECH R
PHILOS SCI
REP NRL PRO
SCI AM
SCI FORUM
SCI PROGR
SCI R TOH A
SCIENCE
SCIENCE J
SCIENCE TEC
SCIENTIA
SEPARAT SCI
T NY AC SCI
T ROY SOC C
T RS NZ GEN
T RS S AFR
T WISC AC
TECHNOL REV
TENSOR
TEXAS J SCI
TRAV HUMAIN
Z NATURFO B

SOCIAL SCIENCES

CURR ANTHR
ECONOMETRIC
ETHNOLOGY
HUMAN RELAT
J BIOSOC SC
J CONFL RES
J COUN PSYC
J EDUC RES
J EXP EDUC
J EXP S PSY
J FOR SCI
RURAL SOCIO
SOCIAL BIOL
SOCIAL SC M

SOIL SCIENCE

CAN J SOIL
CROPS SOILS
DOKL SOIL R
GEODERMA
J SOIL SCI
J SOIL WAT
PLANT SOIL
SOIL SCI
SOIL SCI SO
SOV SOIL R

SOLID-STATE PHYSICS

J PHYS C
PHYS REV B
PHYS ST SOL
SEMICOND PR
SOL ST COMM
SOL ST ELEC
SOL ST TECH
SOV PH SS R
THIN FILMS
THIN SOL FI

SONICS
SEE ACOUSTICS

SPECTROSCOPY

APPL SP REV
APPL SPECTR
INFRAR PHYS
J MOL SPECT
J QUAN SPEC
OPT SPECT R
ORG MASS SP
SPECT ACT A
SPECT ACT B
SPECT LETT

SPEECH
SEE LINGUISTICS

STATISTICS

ACT GENET S
AM STATISTN
ANN I HEN B
ANN I STAT
ANN MATH ST
APPL STAT
AUST J STAT
B MATH STAT
BR J MATH S
CALC STAT A
J AM STAT A
J APPL PROB
J ROY STA A
J ROY STA B
PSYCHOMETRI
REV I I STA
TECHNOMET
Z WAHRSCH V

SURGERY

ACT ANATOM
ACT CHIR H
ACT ORTH SC
ACT PAT JAP
AM HEART J
AM J ANAT
AM J CARD
AM J SURG
ANAT REC
ANGIOLOGICA
ANGIOLOGY
ANN SURG
ARCH SURG
BIBL ANATOM
BIBL CARDIO
BR HEART J
BR J SURG
CAN J SURG
CHIRURG
CIRCUL RES
CIRCULATION
EUR SURG RE
EXP MED SUR
GP
HELV CHIR A
IND MED SUR
J ANAT
J BONE JOIN
J CARD SURG
J CRYOSURG
J NEUROSURG
J PED SURG
J SURG RES
J THOR SURG
J TRAUMA
JAP HEART J
NEURO-CHIRE
NEUROCHIRA
ORAL SURG O
PLAS R SURG
PROG SURG
RECONS SURG
RESPIRATION
SURG CL NA
SURG GYN OB
SURGERY
T AM S ART
TRANSPLANT
Z GES EXP M
Z KREISLAUF

TELECOMMUNICATIONS

ANN RADIOEL
ANN TELECOM
BELL SYST T
ELEC COMMUN
ELECTR CO J
IEEE AER EL
IEEE ANTENN
IEEE B TELE
IEEE BROADC
IEEE C TECH
IEEE MICR T
IEEE VEH T
IEEE VEH TG
J SMPTE
JAP TELECOM
MARCONI REV
NACHRTECH Z
POINT P COM
RADIO EL EN
RADIO ENG R
RADIO SCI
RCA REVIEW
REV EL COMM
TEL RAD E R
TELECOMM J

THORAX
SEE RESPIRATORY SYSTEM

TROPICAL MEDICINE

AM J TROP M
ANN TROP M
J TROP MED
T RS TROP M
TROP GEO ME
Z TROP PARA

UROGENITAL SYSTEM

ACT OBST SC
AM J OBST G
BIBL GYNAEC
FERT STERIL
GYNAECOL
HAUTARZT
INT J FERT
INV UROL
J REPR FERT
J UROL
OBSTET GYN
SURG GYN OB
UROL INTERN
UROLOGE

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J GEN VIROL
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INT Z VITAM
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AM MIDL NAT
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HUNGARY

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ACT CHIR H
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ACT MED H
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ACT MORPH H
ACT PAED H
ACT PHYS CH
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ACT SCI MAT
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ENERGA ATOM
J RAD CHEM
KEM KOZLEM
MAGY KEM LA
PER POLY CE
PER POLY EE
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B CALC MATH
CALC STAT A
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I J BIOCHEM
I J CHEM
I J EX BIOL
I J GENET P
I J MED RES
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P NAS IND B
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ACT BIO IRA

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ISRAEL

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ISR J BOT
ISR J CHEM
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ITALY

ACT GENET M
ACT GERONT
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JAPAN

ACT MED OKA
ACT PAT JAP
AGR BIOL CH
ANN ANIM PS
ANN I STAT
B CHEM S J
B MATH STAT
BIKEN J
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CHEM H POLY
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DEVELOP GR
ELEC EN JAP
ELECTR CO J
ENDOCR JAP
ERICSSON RE
GANN
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J ANTIBIOT
J BIOCHEM
J ELCHEM SJ
J FAC TOK 1
J FERM TECH
J GEN A MIC
J GEOMAGN G
J JAP S LUB
J MATH JAP
J NUC SCI T
J OP RES SO
J PHYS JAP
J VITAMINOL
JAP ANALYST
JAP CIRC J
JAP HEART J
JAP J A PHY
JAP J BOTAN
JAP J EXP M
JAP J GENET
JAP J HUM G
JAP J MED S
JAP J MICRO
JAP J PHARM
JAP J PHYSL
JAP J VET R
JAP J VET S
JAP J ZOOL
JAP PSY RES
JAP TELECOM
KOG KAG ZAS
NAG MATH J
NAT I ANIM
NEC RES DEV
NIP KAG ZAS
P JAP ACAD
PAP MET GEO
PLANT CEL P
PROG T PHYS
PUB AST S J
REP ION SPA
REV EL COMM
REV PH CH J
SCI LIGHT
SCI R TOH A
SEIKAGAKU
SUMITOMO SE
SUPP PR T P
T IRON ST I
T JAP I MET
TENSOR
TOH J EX ME
YAKUGAKU ZA
YON ACT MED

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B I QUIM
CIENCIA MEX

MONACO

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P U OTAGO M
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AUT WELD R
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BIOCHEMIS R
BIOPHYSIC R
BIOKHIMIYA
COKE CHEM R
COLLOID J R
COMB EXPL R
DAN SSSR
DOKL SOIL R
DOP UKR A
ELEC TECH R
ENG CYBER R
ENVIR SP R
GEOCH INT R
HIGH TEMP R
IAN SSS FAO
IAN SSS FIZ
IAN SSS KH
IND LAB R
INSTR EXP R
IVUZ FIZ
J APPL MA R
J GEN CHE R
JETP LETTER
KHIM FAR ZH
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SOV SOIL R
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THERM ENG R
UKR KHIM ZH
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ZH NEORG KH
ZH NP FOTOG
ZH OBS KH
ZH ORGAN KH
ZH PRIK KH
ZH STRUK KH

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UNITED KINGDOM

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J S DYE COL
J SCI FOOD
J SM ANIM P
J SOIL SCI
J STORED PR
J TEXTILE I
J TROP MED
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LANCET
LANG SPEECH
LIFE SCI
LIFE SCI P1
LIFE SCI P2
LONG RANG P
M NOT R AST
MACH PROD E
MACH TOOL R
MAG CONCR R
MANUF CHEM
MARCONI REV
MATHEMATIKA
MATR TENS Q
MEAS CONTRO
MECH ENG SC
MECH HANDL
MED BIO ENG
MED BIO ILL
METAL CONST
METAL FORM
METALL
METALLURGIA
METALWORK P
METEOR MAG
MICROBIOS
MICROEL REL
MINERAL MAG
MOLEC PHYS
NATURE
NEUROPHARM
NEUROPSYCHO
NEW PHYTOL
NON-DESTR T
NUCL ENERGY
NUCL ENG IN
OBSERVATORY
OCEAN ENG
OPTICA ACTA
ORG MASS SP
P CAMB PHIL
P EDIN MATH
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P ROY S MED
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P RS EDIN A
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T RS TROP M
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UNITED STATES OF AMERICA

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ADV PHYSICS
ADV SPA SCI
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BIOSCIENCE
BIOTECH BIO
BIRD BAND
BLAST FURN
BLOOD
BOTAN GAZ
BOTAN REV
BRITTONIA
BROOK S BIO
CALCIF TISS
CALIF AGR
CALIF FISH
CALIF MED
CANC CH P1
CANC CH P2
CANC CH P3
CANCER
CANCER RES
CARBON
CATAL REV
CATH SCH J
CC LIFE SCI
CERAM AGE
CEREAL CHEM
CEREAL SCI
CHEM ENG
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COLD S HARB
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COLOR ENG
COM PA MATH
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COMB SCI T
COMBUSTION
COMM ACM
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CONTR BTI
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CONTROL ENG
COPEIA
CORNELL VET
CORROSION
COST ENG
CROP SCI
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CRYOBIOLOGY
CURR ANTHR
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DATA PROC M
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DATAMATION
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DESIGN NEWS
DEVELOP BIO
DIABETES
DIS COL REC
DIS NER SYS
DOKL SOIL R
DRUG COSMET
DRUG INTEL
DUKE MATH J
ECOL MONOGR
ECOLOGY
ECON BOTAN
ECON GEOL
ECONOMETRIC
EDUC PERSPE
EDUC PSYC M
EEI B
ELEC COMMUN
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ETHNOLOGY
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GERIATRICS
GERONTOL
GL BEE CULT
GROUND WAT
GROWTH
HARV BUS RE
HEALTH LAB
HEALTH PHYS
HIGH TEMP R
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HUMAN BIOL
HUMAN FACT
HYDRA PNEUM
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IEEE POWER
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IEEE SYST S
IEEE VEH T
IEEE VEH TG
ILL J MATH
IMPACT SCI
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ISA TRANS
ISOTOP RAD
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J AGR FOOD
J AIR POLLU
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J ATMOS SCI
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J COMP NEUR
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J CRYOSURG
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J ECON ENT
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J PAINT TEC
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J PED SURG
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J PERS SOC
J PERSONAL
J PETRO TEC
J PHARM EXP
J PHARM SCI
J PHYCOLOGY
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J PHYS CHEM
J POL SC A1
J POL SC A2
J POL SCI B
J POL SCI C
J PRE CONCR
J PROS DENT
J PROTOZOOL

J PSYCHOL
J RANGE MAN
J REPRO MED
J RES MUSIC
J RES NBS A
J RES NBS B
J RES NBS C
J RETIC SOC
J SCI LAB D
J SED PETRO
J SMPTE
J SOC PSYCH
J SOIL WAT
J SOUND VIB
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J WILDL MAN
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LIB TRENDS
LIBRARY J
LIBRARY Q
LIMN OCEAN
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MAR TECH SJ
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MATER EVAL
MATER PROT
MATER RES B
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MEAS TECH R
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MED CLIN NA
MED RES ENG
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MEM AM MATH
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METAL PROGR
METAL STAMP
METAL TREAT
METALLURG T
METALWORK E
MICH MATH J
MICROCHEM J
MICROSCOPE
MILIT MED
MIN CONGR J
MOD PLAST
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MOLEC CRYST
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MON S RES C
MOSQUITO NE
MT SINAI J
MYCOLOGIA
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NAT CAN I M
NAT S INF D
NAV ENG J
NAV RES LOG
NAV RES REV
NBS MONOGR
NEUROLOGY
NOT AM MATH
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NUCL SAFETY
NUCL SCI EN
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P HELM SOC
P IEEE
P NAS US
P R VIRCH M
P SOC EXP M
P WEST PH S
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PERC MOT SK
PERC PSYCH
PERS PSYCH
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PROG FISH C
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PSYCHOS MED
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RADIOLOGY
RCA REVIEW
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REACT MATER
REACT TECH
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RECLAM ERA
REP NRL PRO
RES DEVELOP
RES MANAG
REV GEOPHYS
REV M PHYS
REV SCI INS
RUBBER AGE
RURAL SOCIO
SAE J
SAE PR TECH
SAE TRANS
SAM ADV MAN
SCH COMMUN
SCI AM
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SCRIP MATH
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SEM HEMATOL
SEM PSYCHIA
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SOUTH MED J
SOV ASTRO R
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SOV PH AC R
SOV PH CR R
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SOV PH US R
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SUGAR J
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T AM NUCL S
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YALE J BIOL
ZOOLOGICA

URUGUAY

INT J NEURO

VENEZUELA

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YUGOSLAVIA

CROAT CHEM
MIN MET Q

SOURCE JOURNALS

Arranged by Abbreviation

I CH E J	*A I CH E JOURNAL*
VAN LEEUW	*ANTONIE VAN LEEUWENHOEK JOURNAL OF MICROBIOLOGY AND SEROLOGY*
ACE B	*AACE BULLETIN*
BRASIV ENG	*ABRASIVE ENGINEERING*
BS PAP ACS	*ABSTRACTS OF PAPERS. AMERICAN CHEMICAL SOCIETY*
CC CHEM RE	*ACCOUNTS OF CHEMICAL RESEARCH*
CT AGRON H	*ACTA AGRONOMICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT ALLERG	*ACTA ALLERGOLOGICA, AND SUPPLEMENTUM*
CT ANAE SC	*ACTA ANAESTHESIOLOGICA SCANDINAVICA, AND SUPPLEMENTUM*
CT ANATOM	*ACTA ANATOMICA, AND SUPPLEMENTUM*
CT BIO C B	*ACTA BIOLOGICA CRACOVIENSIA. SERIES BOTANICA*
CT BIO C Z	*ACTA BIOLOGICA CRACOVIENSIA. SERIES ZOOLOGIA*
CT BIO IRA	*ACTA BIOCHIMICA IRANICA*
CT BIO MED	*ACTA BIOLOGICA ET MEDICA GERMANICA*
CT BIOCH H	*ACTA BIOCHIMICA AND BIOPHYSICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT BIOCH P	*ACTA BIOCHIMICA POLONICA*
CT BIOL H	*ACTA BIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT BOT NEE	*ACTA BOTANICA NEERLANDICA*
CT CHEM SC	*ACTA CHEMICA SCANDINAVICA*
CT CHIM H	*ACTA CHIMICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT CHIR H	*ACTA CHIRURGICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT CHIR SC	*ACTA CHIRURGICA SCANDINAVICA*
CT CIENT V	*ACTA CIENTIFICA VENEZOLANA*
CT CRYST A	*ACTA CRYSTALLOGRAPHICA. SECTION A CRYSTAL PHYSICS, DIFFRACTION, THEORETICAL AND GENERAL CRYSTALLOGRAPHY*
CT CRYST B	*ACTA CRYSTALLOGRAPHICA. SECTION B STRUCTURAL CRYSTALLOGRAPHY AND CRYSTAL CHEMISTRY*
CT CYTOL	*ACTA CYTOLOGICA*
CT DER-VEN	*ACTA DERMATO-VENEREOLOGICA, AND SUPPLEMENTUM*
CT ENDOCR	*ACTA ENDOCRINOLOGICA, AND SUPPLEMENTUM*
CT ENT BOH	*ACTA ENTOMOLOGICA BOHEMOSLOVACA*
CT GENET M	*ACTA GENETICAE MEDICAE ET GEMELLOLOGIAE, AND SUPPLEMENTUM*
CT GERONT	*ACTA GERONTOLOGICA*
CT HAEMAT	*ACTA HAEMATOLOGICA*
CT HEP-SPL	*ACTA HEPATO-SPLENOLOGICA*
CT HISTOCH	*ACTA HISTOCHEMICA, AND SUPPLEMENTBAND*
CT ISOTOP	*ACTA ISOTOPICA*
CT MATH	*ACTA MATHEMATICA, UPPSALA*
CT MATH H	*ACTA MATHEMATICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT MECHAN	*ACTA MECHANICA*
CT MED H	*ACTA MEDICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT MED OKA	*ACTA MEDICINAE OKAYAMA*
CT MED SC	*ACTA MEDICA SCANDINAVICA, AND SUPPLEMENTUM*
CT METALL	*ACTA METALLURGICA*
CT MIC P A	*ACTA MICROBIOLOGICA POLONICA. SERIES A. MICROBIOLOGIA GENERALIS*
CT MIC P B	*ACTA MICROBIOLOGICA POLONICA. SERIES B. MICROBIOLOGIA APPLICATA*
CT MICRO H	*ACTA MICROBIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE*
CT MORPH H	*ACTA MORPHOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE, AND SUPPLEMENTUM*
CT MORPH N	*ACTA MORPHOLOGICA NEERLANDO-SCANDINAVICA*
CT NEUR SC	*ACTA NEUROLOGICA SCANDINAVICA, AND SUPPLEMENTUM*
CT NEUROP	*ACTA NEUROPATHOLOGICA*
CT OBST SC	*ACTA OBSTETRICIA ET GYNECOLOGICA SCANDINAVICA, AND SUPPLEMENTUM*
CT ODON SC	*ACTA ODONTOLOGICA SCANDINAVICA*
CT OPHTH K	*ACTA OPHTHALMOLOGICA, KOBENHAVN, AND SUPPLEMENTUM*
ACT ORTH SC	*ACTA ORTHOPAEDICA SCANDINAVICA, AND SUPPLEMENTUM*
ACT OTO-LAR	*ACTA OTO-LARYNGOLOGICA*
ACT PAED H	*ACTA PAEDIATRICA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACT PAED SC	*ACTA PAEDIATRICA SCANDINAVICA, AND SUPPLEMENTUM*
ACT PAT JAP	*ACTA PATHOLOGICA JAPONICA*
ACT PAT S A	*ACTA PATHOLOGICA ET MICROBIOLOGICA SCANDINAVICA. SECTION A. PATHOLOGY*
ACT PAT S B	*ACTA PATHOLOGICA ET MICROBIOLOGICA SCANDINAVICA. SECTION B. MICROBIOLOGY AND IMMUNOLOGY*
ACT PATH SC	*ACTA PATHOLOGICA ET MICROBIOLOGICA SCANDINAVICA, AND SUPPLEMENTUM*
ACT PHARM S	*ACTA PHARMACEUTICA SUECICA*
ACT PHARM T	*ACTA PHARMACOLOGICA ET TOXICOLOGICA, AND SUPPLEMENTUM*
ACT PHYS AU	*ACTA PHYSICA AUSTRIACA*
ACT PHYS CH	*ACTA PHYSICA ET CHEMICA*
ACT PHYS H	*ACTA PHYSICA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACT PHYSL H	*ACTA PHYSIOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACT PHYSL L	*ACTA PHYSIOLOGICA LATINO-AMERICANA*
ACT PHYSL N	*ACTA PHYSIOLOGICA ET PHARMACOLOGICA NEERLANDICA*
ACT PHYSL P	*ACTA PHYSIOLOGICA POLONICA*
ACT PHYSL S	*ACTA PHYSIOLOGICA SCANDINAVICA, AND SUPPLEMENTUM*
ACT POL PH	*ACTA POLONIAE PHARMACEUTICA*
ACT POLY CH	*ACTA POLYTECHNICA SCANDINAVICA. CHEMISTRY INCLUDING METALLURGY SERIES*
ACT POLY CI	*ACTA POLYTECHNICA SCANDINAVICA. CIVIL ENGINEERING AND BUILDING CONSTRUCTION SERIES*
ACT POLY EL	*ACTA POLYTECHNICA SCANDINAVICA. ELECTRICAL ENGINEERING SERIES*
ACT POLY MA	*ACTA POLYTECHNICA SCANDINAVICA. MATHEMATICS AND COMPUTING MACHINERY SERIES*
ACT POLY ME	*ACTA POLYTECHNICA SCANDINAVICA. MECHANICAL ENGINEERING SERIES*
ACT POLY PH	*ACTA POLYTECHNICA SCANDINAVICA. PHYSICS INCLUDING NUCLEONICS SERIES*
ACT PSYC SC	*ACTA PSYCHIATRICA SCANDINAVICA, AND SUPPLEMENTUM*
ACT PSYCHOL	*ACTA PSYCHOLOGICA*
ACT RAD DGN	*ACTA RADIOLOGICA. DIAGNOSIS*
ACT RAD TPB	*ACTA RADIOLOGICA. THERAPY, PHYSICS, BIOLOGY*
ACT SCI MAT	*ACTA SCIENTIARUM MATHEMATICARUM*
ACT SOC MED	*ACTA SOCIETATIS MEDICORUM UPSALIENSIS SCIENTIFIQUE DE BRUXELLES SERIE 1. SCIENCES MATHEMATIQUES, ASTRONOMIQUES ET PHYSIQUES*
ACT TECHN H	*ACTA TECHNICA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACT U CAR M	*ACTA UNIVERSITATIS CAROLINAE MEDICA*
ACT VET H	*ACTA VETERINARIA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACT VET SC	*ACTA VETERINARIA SCANDINAVICA, AND SUPPLEMENTUM*
ACT VIROLOG	*ACTA VIROLOGICA. ENGLISH EDITION*
ACT VIT ENZ	*ACTA VITAMINOLOGICA ET ENZYMOLOGICA*
ACT ZOOL H	*ACTA ZOOLOGICA ACADEMIAE SCIENTIARUM HUNGARICAE*
ACTINID REV	*ACTINIDES REVIEWS*
ACTIV NERV	*ACTIVITAS NERVOSA SUPERIOR*
ACUSTICA	*ACUSTICA*
ADHES AGE	*ADHESIVES AGE*
ADM MANAG	*ADMINISTRATIVE MANAGEMENT*
ADV CHEM SE	*ADVANCES IN CHEMISTRY SERIES*
ADV ENZYM	*ADVANCES IN ENZYMOLOGY*
ADV GENETIC	*ADVANCES IN GENETICS*
ADV MAR BIO	*ADVANCES IN MARINE BIOLOGY*
ADV MATH	*ADVANCES IN MATHEMATICS*
ADV MOL REL	*ADVANCES IN MOLECULAR RELAXATION PROCESSES*
ADV OPHTHAL	*ADVANCES IN OPHTHALMOLOGY*
ADV OTO-RH	*ADVANCES IN OTO-RHINO-LARYNGOLOGY*
ADV PHYSICS	*ADVANCES IN PHYSICS*
ADV PSY MED	*ADVANCES IN PSYCHOSOMATIC MEDICINE*
ADV R PHYSL	*ADVANCES IN REPRODUCTIVE PHYSIOLOGY*
ADV SCI	*ADVANCEMENT OF SCIENCE*
ADV SPA SCI	*ADVANCES IN SPACE SCIENCE AND TECHNOLOGY*
AERONAUT J	*AERONAUTICAL JOURNAL*
AERONAUT Q	*AERONAUTICAL QUARTERLY*
AEROSP MED	*AEROSPACE MEDICINE*
AEROTECNICA	*AEROTECNICA*
AFP/GP	*AMERICAN FAMILY PHYSICIAN/GP*
AGR BIOL CH	*AGRICULTURAL AND BIOLOGICAL CHEMISTRY*
AGR CHEM	*AGRICULTURAL CHEMICALS*
AGR ECON RE	*AGRICULTURAL ECONOMICS RESEARCH*
AGR EDUC MA	*AGRICULTURAL EDUCATION MAGAZINE*
AGR ENG	*AGRICULTURAL ENGINEERING*
AGR HOR GEN	*AGRI HORTIQUE GENETICA*
AGR METEOR	*AGRICULTURAL METEOROLOGY*
AGR RES	*AGRICULTURAL RESEARCH*
AGR SCI REV	*AGRICULTURAL SCIENCE REVIEW*
AGRESSOLOG	*AGRESSOLOGIE*
AGRICULTURE	*AGRICULTURE*
AGROCHIMICA	*AGROCHIMICA*
AGRON J	*AGRONOMY JOURNAL*
AIAA J	*AIAA JOURNAL*
AIR ENG	*AIR ENGINEERING*
AIR FOR CE	*AIR FORCE CIVIL ENGINEER*
AIRCR ENG	*AIRCRAFT ENGINEERING*
AM A PETR G	*AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS. BULLETIN*
AM ANTHROP	*AMERICAN ANTHROPOLOGIST*
AM BEHAV SC	*AMERICAN BEHAVIORAL SCIENTIST*
AM BIOL TEA	*AMERICAN BIOLOGY TEACHER*
AM CERAM S	*AMERICAN CERAMIC SOCIETY BULLETIN*
AM DAIRY R	*AMERICAN DAIRY REVIEW*
AM DYE REP	*AMERICAN DYESTUFF REPORTER*
AM FRUIT GR	*AMERICAN FRUIT GROWER*
AM GAS AS M	*AMERICAN GAS ASSOCIATION MONTHLY*
AM GAS J	*AMERICAN GAS JOURNAL*
AM HEART J	*AMERICAN HEART JOURNAL*
AM HORT MAG	*AMERICAN HORTICULTURAL MAGAZINE*
AM IND HYG	*AMERICAN INDUSTRIAL HYGIENE ASSOCIATION JOURNAL*
AM J AGR EC	*AMERICAN JOURNAL OF AGRICULTURAL ECONOMICS*
AM J ANAT	*AMERICAN JOURNAL OF ANATOMY*
AM J BOTANY	*AMERICAN JOURNAL OF BOTANY*
AM J CARD	*AMERICAN JOURNAL OF CARDIOLOGY*
AM J CLIN N	*AMERICAN JOURNAL OF CLINICAL NUTRITION*
AM J CLIN P	*AMERICAN JOURNAL OF CLINICAL PATHOLOGY*
AM J DIG DI	*AMERICAN JOURNAL OF DIGESTIVE DISEASES*
AM J DIS CH	*AMERICAN JOURNAL OF DISEASES OF CHILDREN*
AM J ENOL V	*AMERICAN JOURNAL OF ENOLOGY AND VITICULTURE*
AM J EPIDEM	*AMERICAN JOURNAL OF EPIDEMIOLOGY*
AM J GASTRO	*AMERICAN JOURNAL OF GASTROENTEROLOGY*
AM J HOSP P	*AMERICAN JOURNAL OF HOSPITAL PHARMACY*
AM J HU GEN	*AMERICAN JOURNAL OF HUMAN GENETICS*
AM J MATH	*AMERICAN JOURNAL OF MATHEMATICS*
AM J MED	*AMERICAN JOURNAL OF MEDICINE*
AM J MED SC	*AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
AM J MED TE	*AMERICAN JOURNAL OF MEDICAL TECHNOLOGY*
AM J MENT D	*AMERICAN JOURNAL OF MENTAL DEFICIENCY*
AM J OBST G	*AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
AM J OPHTH	*AMERICAN JOURNAL OF OPHTHALMOLOGY*
AM J OPTOM	*AMERICAN JOURNAL OF OPTOMETRY AND ARCHIVES OF AMERICAN ACADEMY OF OPTOMETRY*
AM J ORTHOD	*AMERICAN JOURNAL OF ORTHODONTICS*
AM J ORTHOP	*AMERICAN JOURNAL OF ORTHOPSYCHIATRY*
AM J P ANTH	*AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY*
AM J PATH	*AMERICAN JOURNAL OF PATHOLOGY*
AM J PHAR E	*AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
AM J PHARM	*AMERICAN JOURNAL OF PHARMACY*
AM J PHYS	*AMERICAN JOURNAL OF PHYSICS*
AM J PHYS M	*AMERICAN JOURNAL OF PHYSICAL MEDICINE*
AM J PHYSL	*AMERICAN JOURNAL OF PHYSIOLOGY*
AM J PSYCHA	*AMERICAN JOURNAL OF PSYCHOANALYSIS*
AM J PSYCHI	*AMERICAN JOURNAL OF PSYCHIATRY*
AM J PSYCHO	*AMERICAN JOURNAL OF PSYCHOLOGY*
AM J PSYCHT	*AMERICAN JOURNAL OF PSYCHOTHERAPY*
AM J PUB HE	*AMERICAN JOURNAL OF PUBLIC HEALTH AND THE NATIONS HEALTH*
AM J ROENTG	*AMERICAN JOURNAL OF ROENTGENOLOGY RADIUM THERAPY, AND NUCLEAR MEDICINE*
AM J SCI	*AMERICAN JOURNAL OF SCIENCE*
AM J SURG	*AMERICAN JOURNAL OF SURGERY*
AM J TROP M	*AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
AM J VET RE	*AMERICAN JOURNAL OF VETERINARY RESEARCH*
AM MATH MO	*AMERICAN MATHEMATICAL MONTHLY*
AM MIDL NAT	*AMERICAN MIDLAND NATURALIST*
AM MINERAL	*AMERICAN MINERALOGIST*
AM NATURAL	*AMERICAN NATURALIST*
AM PAP IND	*AMERICAN PAPER INDUSTRY*
AM POTATO J	*AMERICAN POTATO JOURNAL*
AM PSYCHOL	*AMERICAN PSYCHOLOGIST*
AM R RESP D	*AMERICAN REVIEW OF RESPIRATORY DISEASES*
AM SCIENT	*AMERICAN SCIENTIST*
AM STATISTN	*AMERICAN STATISTICIAN*
AM ZOOLOG	*AMERICAN ZOOLOGIST*
AN AC BRASI	*ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS*
AN AS QUIM	*ANALES DE LA ASOCIACION QUIMICA ARGENTINA*
AN FISICA	*ANALES DE FISICA*
AN I BIOL	*ANALES DEL INSTITUTO DE BIOLOGIA*
AN QUIMICA	*ANALES DE QUIMICA*
ANAESTHESIA	*ANAESTHESIA*
ANAESTHESIS	*ANAESTHESIST*
ANAL LETTER	*ANALYTICAL LETTERS*
ANALYST	*ANALYST*
ANALYT BIOC	*ANALYTICAL BIOCHEMISTRY*
ANALYT CHEM	*ANALYTICAL CHEMISTRY*
ANALYT CHIM	*ANALYTICA CHIMICA ACTA*
ANAT REC	*ANATOMICAL RECORD*
ANESTH AN R	*ANESTHESIE, ANALGESIE, REANIMATION*
ANESTH ANAL	*ANESTHESIA AND ANALGESIA, CURRENT RESEARCHES*
ANESTHESIOL	*ANESTHESIOLOGY*
ANGEW CHEM	*ANGEWANDTE CHEMIE. INTERNATIONAL EDITION IN ENGLISH*
ANGEW MAKRO	*ANGEWANDTE MAKROMOLEKULARE CHEMIE*
ANGIOLOGICA	*ANGIOLOGICA*
ANGIOLOGY	*ANGIOLOGY*
ANGL ORTHOD	*ANGLE ORTHODONTIST*
ANIM BEHAV	*ANIMAL BEHAVIOUR*
ANIM PRODUC	*ANIMAL PRODUCTION*
ANN A PLANT	*ANNALES DE L AMELIORATION DES PLANTES*
ANN AGRON	*ANNALES AGRONOMIQUES*
ANN ALLERGY	*ANNALS OF ALLERGY*
ANN ANIM PS	*ANNUAL OF ANIMAL PSYCHOLOGY*
ANN AP BIOL	*ANNALS OF APPLIED BIOLOGY*
ANN BIOL AN	*ANNALES DE BIOLOGIE ANIMALE BIOCHIMIE BIOPHYSIQUE*
ANN BIOL CL	*ANNALES DE BIOLOGIE CLINIQUE*

ANN BOTANY	ANNALS OF BOTANY
ANN BRUX 1	ANNALES DE LA SOCIETE
ANN CHEM	ANNALEN DER CHEMIE, JUSTUS LIEBIG
ANN CHIM	ANNALI DI CHIMICA
ANN CHIM FR	ANNALES DE CHIMIE, FRANCE
ANN DER SYP	ANNALES DE DERMATOLOGIE ET DE SYPHILIGRAPHIE
ANN ENDOCR	ANNALES D ENDOCRINOLOGIE, ET SUPPLEMENTAIRE
ANN ENT S A	ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA
ANN GENET	ANNALES DE GENETIQUE
ANN GEOFIS	ANNALI DI GEOFISICA
ANN GEOPHYS	ANNALES DE GEOPHYSIQUE
ANN HUM GEN	ANNALS OF HUMAN GENETICS
ANN I FOUR	ANNALES DE L INSTITUT FOURIER
ANN I HEN A	ANNALES DE L INSTITUT HENRI POINCARE. SECTION A. PHYSIQUE THEORIQUE
ANN I HEN B	ANNALES DE L INSTITUT HENRI POINCARE. SECTION B. CALCUL DES PROBABILITES ET STATISTIQUE
ANN I OCEAN	ANNALES DE L INSTITUT OCEANOGRAPHIQUE
ANN I STAT	ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS
ANN IN PAST	ANNALES DE L INSTITUT PASTEUR
ANN INT MED	ANNALS OF INTERNAL MEDICINE
ANN MATH	ANNALS OF MATHEMATICS
ANN MATH ST	ANNALS OF MATHEMATICAL STATISTICS
ANN MED EXP	ANNALES MEDICINAE EXPERIMENTALIS ET BIOLOGIAE FENNIAE
ANN MO BOT	ANNALS OF THE MISSOURI BOTANICAL GARDEN
ANN NUTR AL	ANNALES DE LA NUTRITION ET DE LALIMENTATION
ANN NY ACAD	ANNALS OF THE NEW YORK ACADEMY OF SCIENCES
ANN OTOL RH	ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY
ANN PHARM F	ANNALES PHARMACEUTIQUES FRANCAISES
ANN PHY VEG	ANNALES DE PHYSIOLOGIE VEGETALE
ANN PHYSICS	ANNALS OF PHYSICS
ANN PHYSIK	ANNALEN DER PHYSIK
ANN PHYSIQ	ANNALES DE PHYSIQUE
ANN PSYCHOL	ANNEE PSYCHOLOGIQUE
ANN R ASTRO	ANNUAL REVIEW OF ASTRONOMY AND ASTROPHYSICS
ANN R BIOCH	ANNUAL REVIEW OF BIOCHEMISTRY
ANN R ENTOM	ANNUAL REVIEW OF ENTOMOLOGY
ANN R FLUID	ANNUAL REVIEW OF FLUID MECHANICS
ANN R GENET	ANNUAL REVIEW OF GENETICS
ANN R MED	ANNUAL REVIEW OF MEDICINE
ANN R MICRO	ANNUAL REVIEW OF MICROBIOLOGY
ANN R NUCL	ANNUAL REVIEW OF NUCLEAR SCIENCE
ANN R PH CH	ANNUAL REVIEW OF PHYSICAL CHEMISTRY
ANN R PHARM	ANNUAL REVIEW OF PHARMACOLOGY
ANN R PHYSL	ANNUAL REVIEW OF PHYSIOLOGY
ANN R PHYTO	ANNUAL REVIEW OF PHYTOPATHOLOGY
ANN R PLANT	ANNUAL REVIEW OF PLANT PHYSIOLOGY
ANN R PSYCH	ANNUAL REVIEW OF PSYCHOLOGY
ANN RADIOEL	ANNALES DE RADIOELECTRICITE
ANN RADIOL	ANNALES DE RADIOLOGIE, RADIOLOGIE CLINIQUE - RADIOBIOLOGIE
ANN RHEUM D	ANNALS OF THE RHEUMATIC DISEASES
ANN RP CH A	ANNUAL REPORTS ON THE PROGRESS OF CHEMISTRY. SECTION A. GENERAL PHYSICAL AND INORGANIC CHEMISTRY
ANN RP CH B	ANNUAL REPORTS ON THE PROGRESS OF CHEMISTRY. SECTION B. ORGANIC CHEMISTRY
ANN SOC ENT	ANNALES DE LA SOCIETE ENTOMOLOGIQUE DE FRANCE
ANN SURG	ANNALS OF SURGERY
ANN TEC AGR	ANNALES DE TECHNOLOGIE AGRICOLE
ANN TELECOM	ANNALES DES TELECOMMUNICATIONS
ANN TROP M	ANNALS OF TROPICAL MEDICINE AND PARASITOLOGY
ANN ZOOTECH	ANNALES DE ZOOTECHNIE
ANTARCTIC J	ANTARCTIC JOURNAL OF THE UNITED STATES
ANTI-CORROS	ANTI-CORROSION METHODS AND MATERIALS
ANTIB CHEMA	ANTIBIOTICA ET CHEMOTHERAPIA
APP PLAS RE	APPLIED PLASTICS AND REINFORCED PLASTICS REVIEW
APPITA	APPITA
APPL MICROB	APPLIED MICROBIOLOGY
APPL OPTICS	APPLIED OPTICS
APPL PHYS L	APPLIED PHYSICS LETTERS
APPL SCI RE	APPLIED SCIENTIFIC RESEARCH
APPL SP REV	APPLIED SPECTROSCOPY REVIEWS
APPL SPECTR	APPLIED SPECTROSCOPY
APPL STAT	APPLIED STATISTICS
ARB U B MAT	ARBOK FOR UNIVERSITETET I BERGEN. MATEMATISK-NATURVITENSKAPELIG SERIE
ARCH ANAT M	ARCHIVES D ANATOMIE MICROSCOPIQUE ET DE MORPHOLOGIE EXPERIMENTALE
ARCH BIOC C	ARCHIVES DE BIOCHIMIE ET COSMETOLOGIE
ARCH BIOCH	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS
ARCH BIOL M	ARCHIVOS DE BIOLOGIA Y MEDICINA EXPERIMENTALES
ARCH DERMAT	ARCHIVES OF DERMATOLOGY
ARCH DIS CH	ARCHIVES OF DISEASE IN CHILDHOOD
ARCH EISENH	ARCHIV FUR DAS EISENHUTTENWESEN
ARCH ELEK U	ARCHIV DER ELEKTRISCHEN UBERTRAGUNG
ARCH ELEKTR	ARCHIV FUR ELEKTROTECHNIK
ARCH ENV HE	ARCHIVES OF ENVIRONMENTAL HEALTH
ARCH FISCH	ARCHIV FUR FISCHEREIWISSENSCHAFT
ARCH FR PED	ARCHIVES FRANCAISES DE PEDIATRIE
ARCH G PSYC	ARCHIVES OF GENERAL PSYCHIATRY
ARCH G VIR	ARCHIV FUR DIE GESAMTE VIRUSFORSCHUNG
ARCH GESCHW	ARCHIV FUR GESCHWULSTFORSCHUNG
ARCH GYNAK	ARCHIV FUR GYNAKOLOGIE
ARCH HY BAK	ARCHIV FUR HYGIENE UND BAKTERIOLOGIE
ARCH HYDROB	ARCHIV FUR HYDROBIOLOGIE
ARCH I BIOL	ARCHIVOS DEL INSTITUTO DE BIOLOGIA ANDINA
ARCH I PHAR	ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE
ARCH I PHYS	ARCHIVES INTERNATIONALES DE PHYSIOLOGIE ET DE BIOCHIMIE
ARCH IN MED	ARCHIVES OF INTERNAL MEDICINE
ARCH IT BIO	ARCHIVES ITALIENNES DE BIOLOGIE
ARCH K DERM	ARCHIV FUR KLINISCHE UND EXPERIMENTELLE DERMATOLOGIE
ARCH KL EXP	ARCHIV FUR KLINISCHE UND EXPERIMENTELLE OHREN-NASEN-UND KEHLKOPFHEILKUNDE
ARCH KL MED	ARCHIV FUR KLINISCHE MEDIZIN
ARCH KREISL	ARCHIV FUR KREISLAUFFORSCHUNG
ARCH MATH	ARCHIV DER MATHEMATIK
ARCH MEC ST	ARCHIWUM MECHANIKI STOSOWANEJ
ARCH MIKROB	ARCHIV FUR MIKROBIOLOGIE
ARCH NEUROL	ARCHIVES OF NEUROLOGY
ARCH OCEAN	ARCHIVIO DI OCEANOGRAFIA E LIMNOLOGIA
ARCH OPHTH	ARCHIVES OF OPHTHALMOLOGY
ARCH ORAL B	ARCHIVES OF ORAL BIOLOGY
ARCH ORTHOP	ARCHIV FUR ORTHOPADISCHE UND UNFALLCHIRURGIE
ARCH OTOLAR	ARCHIVES OF OTOLARYNGOLOGY
ARCH PATH	ARCHIVES OF PATHOLOGY
ARCH PHARM	ARCHIV DER PHARMAZIE UND BERICHTE DER DEUTSCHEN PHARMAZEUTISCHEN GESELLSCHAFT
ARCH R MECH	ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS
ARCH S A OF	ARCHIVOS DE LA SOCIEDAD AMERICANA DE OFTALMOLOGIA Y OPTOMETRIA
ARCH SCI	ARCHIVES DES SCIENCES
ARCH SCI PH	ARCHIVES DES SCIENCES PHYSIOLOGIQUES
ARCH SURG	ARCHIVES OF SURGERY
ARCH TECH M	ARCHIV FUR TECHNISCHES MESSEN UND INDUSTRIELLE MESSTECHNIK
ARCH TOXIK	ARCHIV FUR TOXIKOLOGIE
ARCTIC	ARCTIC
ARDEA	ARDEA
ARK ASTRON	ARKIV FOR ASTRONOMI
ARK BOTAN	ARKIV FOR BOTANIK
ARK FYSIK	ARKIV FOR FYSIK
ARK GEOFYS	ARKIV FOR GEOFYSIK
ARK KEMI	ARKIV FOR KEMI
ARK MATEMAT	ARKIV FOR MATEMATIK
ARK MIN GEO	ARKIV FOR MINERALOGI OCH GEOLOGI
ARK ZOOL	ARKIV FOR ZOOLOGI
ARTH RHEUM	ARTHRITIS AND RHEUMATISM
ARZNEI-FOR	ARZNEIMITTEL-FORSCHUNG
ASHRAE J	ASHRAE JOURNAL
ASLE TRANS	ASLE TRANSACTIONS
ASLIB PROC	ASLIB PROCEEDINGS
ASM T QUART	ASM TRANSACTIONS QUARTERLY
ASTRO AERON	ASTRONAUTICS AND AERONAUTICS
ASTRO SP SC	ASTROPHYSICS AND SPACE SCIENCE
ASTRON ASTR	ASTRONOMY AND ASTROPHYSICS
ASTRONAUT A	ASTRONAUTICA ACTA
ASTRONOM J	ASTRONOMICAL JOURNAL
ASTROPH J S	ASTROPHYSICAL JOURNAL. SUPPLEMENT SERIES
ASTROPHYS J	ASTROPHYSICAL JOURNAL
ASTROPHYS L	ASTROPHYSICAL LETTERS
ATHEROSCLER	ATHEROSCLEROSIS
ATMOS ENVIR	ATMOSPHERIC ENVIRONMENT
ATOM ENER A	ATOMIC ENERGY, AUSTRALIA
ATOM ENER R	ATOMIC ENERGY REVIEW
ATOM STROM	ATOM UND STROM
ATOMKERNENE	ATOMKERNENERGIE
ATOMPRAXIS	ATOMPRAXIS
ATOMWIRTSCH	ATOMWIRTSCHAFT
ATT ANL R F	ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI. CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI
AUDIO	AUDIO
AUK	AUK
AUST AN MED	AUSTRALASIAN ANNALS OF MEDICINE
AUST CIV EN	AUSTRALIAN CIVIL ENGINEERING
AUST J AGR	AUSTRALIAN JOURNAL OF AGRICULTURAL RESEARCH
AUST J BIOL	AUSTRALIAN JOURNAL OF BIOLOGICAL SCIENCES
AUST J BOT	AUSTRALIAN JOURNAL OF BOTANY
AUST J CHEM	AUSTRALIAN JOURNAL OF CHEMISTRY
AUST J DAIR	AUSTRALIAN JOURNAL OF DAIRY TECHNOLOGY
AUST J EX B	AUSTRALIAN JOURNAL OF EXPERIMENTAL BIOLOGY AND MEDICAL SCIENCE
AUST J INST	AUSTRALIAN JOURNAL OF INSTRUMENTATION AND CONTROL
AUST J MAR	AUSTRALIAN JOURNAL OF MARINE AND FRESHWATER RESEARCH
AUST J PHYS	AUSTRALIAN JOURNAL OF PHYSICS
AUST J PSYC	AUSTRALIAN JOURNAL OF PSYCHOLOGY
AUST J SOIL	AUSTRALIAN JOURNAL OF SOIL RESEARCH
AUST J STAT	AUSTRALIAN JOURNAL OF STATISTICS
AUST NZ J O	AUSTRALIAN AND NEW ZEALAND JOURNAL OF OBSTETRICS AND GYNAECOLOGY
AUST RADIOL	AUSTRALASIAN RADIOLOGY
AUST VET J	AUSTRALIAN VETERINARY JOURNAL
AUT REMOT R	AUTOMATION AND REMOTE CONTROL, USSR
AUT WELD R	AUTOMATIC WELDING USSR
AUTOMATICA	AUTOMATICA
AUTOMATISME	AUTOMATISME
AVIAN DIS	AVIAN DISEASES
B AM MATH S	BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY
B AM METEOR	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY
B AM PHYS S	BULLETIN OF THE AMERICAN PHYSICAL SOCIETY
B AST I N S	BULLETIN OF THE ASTRONOMICAL INSTITUTES OF THE NETHERLANDS. SUPPLEMENT SERIES
B ASTR I CZ	BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA
B ASTR I NE	BULLETIN OF THE ASTRONOMICAL INSTITUTES OF THE NETHERLANDS
B CALC MATH	BULLETIN OF THE CALCUTTA MATHEMATICAL SOCIETY
B CANCER	BULLETIN DU CANCER
B CHEM S J	BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN
B CSAR BELG	BULLETIN DE LA CLASSE DES SCIENCES. ACADEMIE ROYALE DE BELGIQUE
B ENT RES	BULLETIN OF ENTOMOLOGICAL RESEARCH
B ENVIR CON	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY
B EUR S HUM	BULLETIN OF THE EUROPEAN SOCIETY OF HUMAN GENETICS
B EX BIO R	BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE, USSR
B I QUIM	BOLETIN DEL INSTITUTO DE QUIMICA DE LA UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO
B I ZOOL AS	BULLETIN OF THE INSTITUTE OF ZOOLOGY ACADEMIA SINICA
B INF SCI T	BULLETIN D INFORMATIONS SCIENTIFIQUES ET TECHNIQUES, AND SUPPLEMENT
B ITAL BIOL	BOLLETTINO DELLA SOCIETA ITALIANA DI BIOLOGIA SPERIMENTALE
B MARIN SCI	BULLETIN OF MARINE SCIENCE
B MATH BIOP	BULLETIN OF MATHEMATICAL BIOPHYSICS
B MATH STAT	BULLETIN OF MATHEMATICAL STATISTICS
B MED LIB A	BULLETIN OF THE MEDICAL LIBRARY ASSOCIATION
B NARCOTICS	BULLETIN ON NARCOTICS
B NJ ACAD S	BULLETIN NEW JERSEY ACADEMY OF SCIENCE
B NY AC MED	BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE
B OF SAN PA	BOLETIN DE LA OFICINA SANITARIA PANAMERICANA
B PATHOLOGY	BULLETIN OF PATHOLOGY
B POL BIOL	BULLETIN DE L ACADEMIE POLONAISE DES SCIENCES. SERIE DES SCIENCES BIOLOGIQUES
B POL CHIM	BULLETIN DE L ACADEMIE POLONAISE DES SCIENCES. SERIE DES SCIENCES CHIMIQUE
B POL GEOL	BULLETIN DE L ACADEMIE POLONAISE DES SCIENCES. SERIE DES SCIENCES GEOLOGIQUES ET GEOGRAPHIQUES
B POL MATH	BULLETIN DE L ACADEMIE POLONAISE DES SCIENCES. SERIE DES SCIENCES MATHEMATIQUES, ASTRONOMIQUES ET PHYSIQUES
B POL TECHN	BULLETIN DE L ACADEMIE POLONAISE DES SCIENCES SERIE DES SCIENCES TECHNIQUES
B S BOT FR	BULLETIN DE LA SOCIETE BOTANIQUE DE FRANCE
B S CHIM BE	BULLETIN DES SOCIETES CHIMIQUES BELGES
B S CHIM BI	BULLETIN DE LA SOCIETE DE CHIMIE BIOLOGIQUE
B S CHIM FR	BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE
B S FR CER	BULLETIN DE LA SOCIETE FRANCAISE DE CERAMIQUE
B S FR MIN	BULLETIN DE LA SOCIETE FRANCAISE DE MINERALOGIE ET DE CRISTALLOGRAPHIE
B S MATH FR	BULLETIN DE LA SOCIETE MATHEMATIQUE DE FRANCE
B S SCI MED	BULLETIN DE LA SOCIETE DES SCIENCES MEDICALES DU GRAND-DUCHE DE LUXEMBOURG
B SC AK MED	BULLETIN DER SCHWEIZERISCHEN AKADEMIE DER MEDIZINISCHEN WISSENSCHAFTEN
B SCI MATH	BULLETIN DES SCIENCES MATHEMATIQUES
B SEIS S AM	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA
B TOR BOT C	BULLETIN OF THE TORREY BOTANICAL CLUB
B WHO	BULLETIN OF THE WORLD HEALTH ORGANIZATION
BACT REV	BACTERIOLOGICAL REVIEWS
BALL BEAR J	BALL BEARING JOURNAL
BEHAV RES M	BEHAVIOR RESEARCH METHODS AND INSTRUMENTATION
BEHAV RES T	BEHAVIOUR RESEARCH AND THERAPY
BEHAV SCI	BEHAVIORAL SCIENCE
BEHAVIOUR	BEHAVIOUR
BEITR KL T	BEITRAGE ZUR KLINIK UND ERFORSCHUNG DER TUBERKULOSE UND DER LUNGENKRANKHEITEN
BEITR MEER	BEITRAGE ZUR MEERESKUNDE
BELL LAB RE	BELL LABORATORIES RECORD
BELL SYST T	BELL SYSTEM TECHNICAL JOURNAL
BER BUN GES	BERICHTE DER BUNSEN GESELLSCHAFT FUR PHYSIKALISCHE CHEMIE
BER DEU BOT	BERICHTE DER DEUTSCHEN BOTANISCHEN GESELLSCHAFT
BER DW MEER	BERICHTE DER DEUTSCHEN WISSENSCHAFTLICHEN KOMMISSION FUR MEERESFORSCHUNG
BERUFS-DERM	BERUFS-DERMATOSEN
BIBL ANATOM	BIBLIOTHECA ANATOMICA
BIBL CARDIO	BIBLIOTHECA CARDIOLOGICA
BIBL GASTRO	BIBLIOTHECA GASTROENTEROLOGICA
BIBL GYNAEC	BIBLIOTHECA GYNAECOLOGICA
BIBL HAEM	BIBLIOTHECA HAEMATOLOGICA
BIBL MICROB	BIBLIOTHECA MICROBIOLOGICA
BIBL NUTR D	BIBLIOTHECA NUTRITIO ET DIETA
BIBL OPHTH	BIBLIOTHECA OPHTHALMOLOGICA
BIBL PAED	BIBLIOTHECA PAEDIATRICA
BIBL PHONET	BIBLIOTHECA PHONETICA
BIBL PRIMAT	BIBLIOTHECA PRIMATOLOGICA
BIBL PSYCH	BIBLIOTHECA PSYCHIATRICA
BIBL RADIOL	BIBLIOTHECA RADIOLOGICA
BIBL TUB ME	BIBLIOTHECA TUBERCULOSEA AND MEDICINAE THORACALIS
BIBL TUBERC	BIBLIOTHECA TUBERCULOSEA
BIBL VIT HU	BIBLIOTHECA VITA HUMANA
BIKEN J	BIKEN JOURNAL
BIOC BIOP A	BIOCHIMICA ET BIOPHYSICA ACTA
BIOC BIOP R	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS
BIOCH PHARM	BIOCHEMICAL PHARMACOLOGY
BIOCHEM	BIOCHEMISTRY
BIOCHEM GEN	BIOCHEMICAL GENETICS
BIOCHEM J	BIOCHEMICAL JOURNAL
BIOCHEM MED	BIOCHEMICAL MEDICINE
BIOCHEMIS R	BIOCHEMISTRY, USSR
BIOKHIMIYA	BIOKHIMIYA
BIOL BULL	BIOLOGICAL BULLETIN
BIOL NEONAT	BIOLOGY OF THE NEONATE
BIOL PLANT	BIOLOGIA PLANTARUM
BIOL REV	BIOLOGICAL REVIEWS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY
BIOMETR Z	BIOMETRISCHE ZEITSCHRIFT
BIOMETRICS	BIOMETRICS
BIOMETRIKA	BIOMETRIKA
BIOPHYS J	BIOPHYSICAL JOURNAL
BIOPHYSIC R	BIOPHYSICS, USSR
BIOPHYSIK	BIOPHYSIK
BIOPOLYMERS	BIOPOLYMERS
BIOSCIENCE	BIOSCIENCE
BIOTECH BIO	BIOTECHNOLOGY AND BIOENGINEERING
BIRD BAND	BIRD-BANDING
BIRD STUDY	BIRD STUDY
BLAST FURN	BLAST FURNACE AND STEEL PLANT
BLOOD	BLOOD. THE JOURNAL OF HEMATOLOGY
BLUT	BLUT
BOTAN B A S	BOTANICAL BULLETIN OF ACADEMIA SINICA
BOTAN GAZ	BOTANICAL GAZETTE
BOTAN MAG	BOTANICAL MAGAZINE, TOKYO
BOTAN MARIN	BOTANICA MARINA
BOTAN NOTIS	BOTANISKA NOTISER
BOTAN REV	BOTANICAL REVIEW
BOTAN TIDS	BOTANISK TIDSSKRIFT
BR CHEM ENG	BRITISH CHEMICAL ENGINEERING
BR HEART J	BRITISH HEART JOURNAL
BR J ANAEST	BRITISH JOURNAL OF ANAESTHESIA
BR J CANC	BRITISH JOURNAL OF CANCER
BR J DERM	BRITISH JOURNAL OF DERMATOLOGY
BR J ED PSY	BRITISH JOURNAL OF EDUCATIONAL PSYCHOLOGY
BR J EX PAT	BRITISH JOURNAL OF EXPERIMENTAL PATHOLOGY
BR J HAEM	BRITISH JOURNAL OF HAEMATOLOGY
BR J IND ME	BRITISH JOURNAL OF INDUSTRIAL MEDICINE
BR J MATH S	BRITISH JOURNAL OF MATHEMATICAL AND STATISTICAL PSYCHOLOGY
BR J MED PS	BRITISH JOURNAL OF MEDICAL PSYCHOLOGY
BR J NUTR	BRITISH JOURNAL OF NUTRITION
BR J OPHTH	BRITISH JOURNAL OF OPHTHALMOLOGY
BR J PHARM	BRITISH JOURNAL OF PHARMACOLOGY
BR J PHYS O	BRITISH JOURNAL OF PHYSIOLOGICAL OPTICS
BR J PREV S	BRITISH JOURNAL OF PREVENTIVE AND SOCIAL MEDICINE
BR J PSYCHI	BRITISH JOURNAL OF PSYCHIATRY
BR J PSYCHO	BRITISH JOURNAL OF PSYCHOLOGY

R J RADIOL	BRITISH JOURNAL OF RADIOLOGY
R J SOCIAL	BRITISH JOURNAL OF SOCIAL AND CLINICAL PSYCHOLOGY
R J SURG	BRITISH JOURNAL OF SURGERY
R J VEN DI	BRITISH JOURNAL OF VENEREAL DISEASES
R MED BULL	BRITISH MEDICAL BULLETIN
R MED J	BRITISH MEDICAL JOURNAL
R POULT SC	BRITISH POULTRY SCIENCE
R VET J	BRITISH VETERINARY JOURNAL
RAIN	BRAIN
RAIN BEHAV	BRAIN, BEHAVIOR AND EVOLUTION
RAIN RES	BRAIN RESEARCH
RENN WARME	BRENNSTOFF-WARME-KRAFT
RITTONIA	BRITTONIA
ROOK S BIO	BROOKHAVEN SYMPOSIA IN BIOLOGY
ROWN BOV R	BROWN BOVERI REVIEW
YGNIN MEDD	BYGNINGSSTATISKE MEDDELELSER
AH BIO MAR	CAHIERS DE BIOLOGIE MARINE
AH ORST HY	CAHIERS ORSTOM HYDROBIOLOGIE
AH ORST OC	CAHIERS ORSTOM OCEANOGRAPHIE
ALC STAT A	CALCUTTA STATISTICAL ASSOCIATION BULLETIN
ALCIF TISS	CALCIFIED TISSUE RESEARCH
ALIF AGR	CALIFORNIA AGRICULTURE
ALIF FISH	CALIFORNIA FISH AND GAME
ALIF MED	CALIFORNIA MEDICINE
AN AER SPA	CANADIAN AERONAUTICS AND SPACE JOURNAL
AN ANAE SJ	CANADIAN ANAESTHETISTS SOCIETY JOURNAL
AN ENTOMOL	CANADIAN ENTOMOLOGIST
AN FARM EC	CANADIAN FARM ECONOMICS
AN J ANIM	CANADIAN JOURNAL OF ANIMAL SCIENCE
AN J BEH S	CANADIAN JOURNAL OF BEHAVIOURAL SCIENCE
AN J BIOCH	CANADIAN JOURNAL OF BIOCHEMISTRY
AN J BOTAN	CANADIAN JOURNAL OF BOTANY
AN J CH EN	CANADIAN JOURNAL OF CHEMICAL ENGINEERING
AN J CHEM	CANADIAN JOURNAL OF CHEMISTRY
AN J COM M	CANADIAN JOURNAL OF COMPARATIVE MEDICINE
AN J EARTH	CANADIAN JOURNAL OF EARTH SCIENCES
AN J GENET	CANADIAN JOURNAL OF GENETICS AND CYTOLOGY
AN J MATH	CANADIAN JOURNAL OF MATHEMATICS
AN J MED T	CANADIAN JOURNAL OF MEDICAL TECHNOLOGY
AN J MICRO	CANADIAN JOURNAL OF MICROBIOLOGY
AN J OPHTH	CANADIAN JOURNAL OF OPHTHALMOLOGY
AN J PH SC	CANADIAN JOURNAL OF PHARMACEUTICAL SCIENCES
AN J PHYS	CANADIAN JOURNAL OF PHYSICS
AN J PHYSL	CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY
AN J PLANT	CANADIAN JOURNAL OF PLANT SCIENCE
AN J PSYCH	CANADIAN JOURNAL OF PSYCHOLOGY
AN J SOIL	CANADIAN JOURNAL OF SOIL SCIENCE
AN J SURG	CANADIAN JOURNAL OF SURGERY
AN J ZOOL	CANADIAN JOURNAL OF ZOOLOGY
AN MATH B	CANADIAN MATHEMATICAL BULLETIN
AN MED A J	CANADIAN MEDICAL ASSOCIATION JOURNAL
AN METAL Q	CANADIAN METALLURGICAL QUARTERLY
AN MIN MET	CANADIAN MINING AND METALLURGICAL BULLETIN
AN PSYCHOL	CANADIAN PSYCHOLOGIST PSYCHOLOGIE CANADIENNE
AN VET J	CANADIAN VETERINARY JOURNAL
ANC CH P1	CANCER CHEMOTHERAPY REPORTS. PART 1
ANC CH P2	CANCER CHEMOTHERAPY REPORTS. PART 2
ANC CH P3	CANCER CHEMOTHERAPY REPORTS. PART 3
ANCER	CANCER
ANCER RES	CANCER RESEARCH
ARBOHY RES	CARBOHYDRATE RESEARCH
ARBON	CARBON
ARDIO RES	CARDIOVASCULAR RESEARCH
ARDIOLOGIA	CARDIOLOGIA
ARYOLOGIA	CARYOLOGIA
ASI TRANS	C.A.S.I. TRANSACTIONS
ATAL REV	CATALYSIS REVIEWS
ATH SCH J	CATHOLIC SCHOOL JOURNAL
C LIFE SCI	CURRENT CONTENTS LIFE SCIENCES
ELL TISS K	CELL AND TISSUE KINETICS
ERAM AGE	CERAMIC AGE
ERAMICS	CERAMICS
EREAL CHEM	CEREAL CHEMISTRY
EREAL SCI	CEREAL SCIENCE TODAY
ESK C FYS	CESKOSLOVENSKY CASOPIS PRO FYSIKU
HEM BER	CHEMISCHE BERICHTE
HEM BRIT	CHEMISTRY IN BRITAIN
HEM ENG	CHEMICAL ENGINEERING
HEM ENG L	CHEMICAL ENGINEER
HEM ENG N	CHEMICAL AND ENGINEERING NEWS
HEM ENG PR	CHEMICAL ENGINEERING PROGRESS
HEM ENG SC	CHEMICAL ENGINEERING SCIENCE
HEM GEOL	CHEMICAL GEOLOGY
CHEM H POLY	CHEMISTRY OF HIGH POLYMERS
CHEM IND L	CHEMISTRY AND INDUSTRY, LONDON
CHEM-ING-T	CHEMIE-INGENIEUR-TECHNIK
CHEM INSTR	CHEMICAL INSTRUMENTATION
CHEM LISTY	CHEMICKE LISTY
CHEM NZ	CHEMISTRY IN NEW ZEALAND
CHEM PHARM	CHEMICAL AND PHARMACEUTICAL BULLETIN
CHEM PHYS L	CHEMISTRY AND PHYSICS OF LIPIDS
CHEM PR ENG	CHEMICAL AND PROCESS ENGINEERING
CHEM REV	CHEMICAL REVIEWS
CHEM TECH	CHEMISCHE TECHNIK
CHEM ZEITUN	CHEMIKER-ZEITUNG
CHEM ZVESTI	CHEMICKE ZVESTI
CHEMOTHERA	CHEMOTHERAPY
CHEST	CHEST
CHILD DEV	CHILD DEVELOPMENT
CHIM ANAL	CHIMIE ANALYTIQUE
CHIM IND GC	CHIMIE AND INDUSTRIE GENIE CHIMIQUE
CHIM IND M	CHIMICA E L INDUSTRIA, MILAN
CHIM THER	CHIMICA THERAPEUTICA
CHIMIA	CHIMIA
CHIRURG	CHIRURG
CHROMOSOMA	CHROMOSOMA
CIENCIA MEX	CIENCIA, MEXICO
CIRCUL RES	CIRCULATION RESEARCH
CIRCULATION	CIRCULATION
CIVIL ENG	CIVIL ENGINEERING
CLAY CLAY M	CLAYS AND CLAY MINERALS
CLIN BIOCH	CLINICAL BIOCHEMISTRY
CLIN CHEM	CLINICAL CHEMISTRY
CLIN CHIM A	CLINICA CHIMICA ACTA
CLIN EXP IM	CLINICAL AND EXPERIMENTAL IMMUNOLOGY
CLIN MED	CLINICAL MEDICINE
CLIN ORTHOP	CLINICAL ORTHOPAEDICS AND RELATED RESEARCH
CLIN PEDIAT	CLINICAL PEDIATRICS
CLIN PHARM	CLINICAL PHARMACOLOGY AND THERAPEUTICS
CLIN SCI	CLINICAL SCIENCE
CLIN TOXIC	CLINICAL TOXICOLOGY
COKE CHEM R	COKE AND CHEMISTRY, USSR
COLD S HARB	COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY
COLL CZECH	COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS
COLL MATH	COLLOQUIUM MATHEMATICUM
COLL RES LI	COLLEGE AND RESEARCH LIBRARIES
COLLOID J R	COLLOID JOURNAL, USSR
COLOR ENG	COLOR ENGINEERING
COM FOR REV	COMMONWEALTH FORESTRY REVIEW
COM PA MATH	COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS
COMB EXPL R	COMBUSTION, EXPLOSION, AND SHOCK WAVES
COMB FLAME	COMBUSTION AND FLAME
COMB SCI T	COMBUSTION SCIENCE AND TECHNOLOGY
COMBUSTION	COMBUSTION
COMM ACM	COMMUNICATIONS OF THE ACM
COMM MATH H	COMMENTARII MATHEMATICI HELVETICI
COMM MATH P	COMMUNICATIONS IN MATHEMATICAL PHYSICS
COMM MENT H	COMMUNITY MENTAL HEALTH JOURNAL
COMMER FISH	COMMERCIAL FISHERIES REVIEW
COMP BIOCH	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY
COMP MATH	COMPOSITIO MATHEMATICA
COMP PSYCHI	COMPREHENSIVE PSYCHIATRY
COMPRES AIR	COMPRESSED AIR
COMPUT BIOM	COMPUTERS AND BIOMEDICAL RESEARCH
COMPUTER AU	COMPUTERS AND AUTOMATION
COMPUTER B	COMPUTER BULLETIN
COMPUTER HU	COMPUTERS AND THE HUMANITIES
COMPUTER J	COMPUTER JOURNAL
COMPUTING	COMPUTING
CONCRETE	CONCRETE
CONCRETE Q	CONCRETE QUARTERLY
CONDOR	CONDOR
CONF NEUROL	CONFINIA NEUROLOGICA
CONF PSYCH	CONFINIA PSYCHIATRICA
CONT PHYS	CONTEMPORARY PHYSICS
CONTR BTI	CONTRIBUTIONS FROM BOYCE THOMPSON INSTITUTE
CONTR INSTR	CONTROL AND INSTRUMENTATION
CONTR MAR S	CONTRIBUTIONS IN MARINE SCIENCE
CONTR MIN P	CONTRIBUTIONS TO MINERALOGY AND PETROLOGY
CONTROL ENG	CONTROL ENGINEERING
COORD CH RE	COORDINATION CHEMISTRY REVIEWS
COPEIA	COPEIA
CORNELL VET	CORNELL VETERINARIAN
CORROS SCI	CORROSION SCIENCE
CORROS TRAI	CORROSION TRAITEMENTS PROTECTION FINITION
CORROSION	CORROSION
COST ENG	COST ENGINEERING
CR AC SCI A CR AC SCI B	COMPTES RENDUS HEBDOMADAIRES DES SEANCES DE L ACADEMIE DES SCIENCES. SERIES A ET B. SCIENCES MATHEMATIQUES. SCIENCES PHYSIQUES
CR AC SCI C	COMPTES RENDUS HEBDOMADAIRES DES SEANCES DE L ACADEMIE DES SCIENCES. SERIE C. SCIENCES CHIMIQUES
CR AC SCI D	COMPTES RENDUS HEBDOMADAIRES DES SEANCES DE L ACADEMIE DES SCIENCES. SERIE D. SCIENCES NATURELLES
CR SOC BIOL	COMPTES RENDUS DES SEANCES DE LA SOCIETE DE BIOLOGIE ET DE SES FILIALES
CR SOC PHYS	COMPTE RENDU DES SEANCES DE LA SOCIETE DE PHYSIQUE ET D HISTOIRE NATURELLE DE GENEVE
CR TR LAB C	COMPTES RENDUS DES TRAVAUX DU LABORATOIRE CARLSBERG
CROAT CHEM	CROATICA CHEMICA ACTA
CROP SCI	CROP SCIENCE
CROPS SOILS	CROPS AND SOILS MAGAZINE
CRYOBIOLOGY	CRYOBIOLOGY
CRYOGENICS	CRYOGENICS
CURR ANTHR	CURRENT ANTHROPOLOGY
CURR THER R	CURRENT THERAPEUTIC RESEARCH, CLINICAL AND EXPERIMENTAL
CURRENT SCI	CURRENT SCIENCE
CUT TOOL EN	CUTTING TOOL ENGINEERING
CYBERNETICA	CYBERNETICA
CYTOBIOS	CYTOBIOS
CYTOGENET	CYTOGENETICS
CYTOLOGIA	CYTOLOGIA
CZEC J PHYS	CZECHOSLOVAK JOURNAL OF PHYSICS
CZEC MATH J	CZECHOSLOVAK MATHEMATICAL JOURNAL
DAIRY IND	DAIRY INDUSTRIES
DAN MED B	DANISH MEDICAL BULLETIN
DAN SSSR	DOKLADY AKADEMII NAUK SSSR
DANSK BOTAN	DANSK BOTANISK ARKIV
DATA PROC M	DATA PROCESSING MAGAZINE
DATA PROCES	DATA PROCESSING
DATAMATION	DATAMATION
DEEP-SEA RE	DEEP-SEA RESEARCH
DENT CLIN N	DENTAL CLINICS OF NORTH AMERICA
DERMATOLOG	DERMATOLOGICA
DESALINATN	DESALINATION
DESIGN NEWS	DESIGN NEWS
DEUT MED WO	DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT
DEUT Z GES	DEUTSCHE ZEITSCHRIFT FUR DIE GESAMTE GERICHTLICHE MEDIZIN
DEUT Z NERV	DEUTSCHE ZEITSCHRIFT FUR NERVENHEILKUNDE
DEVELOP BIO	DEVELOPMENTAL BIOLOGY
DEVELOP GR	DEVELOPMENT GROWTH AND DIFFERENTIATION
DEVELOP MED	DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY
DIABETES	DIABETES
DIABETOLOG	DIABETOLOGIA
DIGESTION	DIGESTION
DIS COL REC	DISEASES OF THE COLON AND RECTUM
DIS NER SYS	DISEASES OF THE NERVOUS SYSTEM, AND SUPPLEMENT
DISC FARAD	DISCUSSIONS OF THE FARADAY SOCIETY
DISS PHARM	DISSERTATIONES PHARMACEUTICAE ET PHARMACOLOGICAE
DOC OPHTHAL	DOCUMENTA OPHTHALMOLOGICA
DOCK HARB A	DOCK AND HARBOUR AUTHORITY
DOKL SOIL R	DOKLADY SOIL SCIENCE, USSR
DOP UKR A	DOPOVIDI AKADEMII NAUK UKRAINSKOI RSR
DRUG COSMET	DRUG AND COSMETIC INDUSTRY
DRUG INTEL	DRUG INTELLIGENCE AND CLINICAL PHARMACY
DUKE MATH J	DUKE MATHEMATICAL JOURNAL
EARTH PLAN	EARTH AND PLANETARY SCIENCE LETTERS
EARTH SCI R	EARTH SCIENCE REVIEWS
ECOL MONOGR	ECOLOGICAL MONOGRAPHS
ECOLOGY	ECOLOGY
ECON BOTAN	ECONOMIC BOTANY
ECON GEOL	ECONOMIC GEOLOGY AND THE BULLETIN OF THE SOCIETY OF ECONOMIC GEOLOGISTS
ECONOMETRIC	ECONOMETRICA
EDUC PERSPE	EDUCATIONAL PERSPECTIVES
EDUC PSYC M	EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENT
EDUC REV	EDUCATIONAL REVIEW
EEG CL NEUR	ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY
EEI B	EEI BULLETIN
EFF WAT TRE	EFFLUENT AND WATER TREATMENT JOURNAL
ELEC COMMUN	ELECTRICAL COMMUNICATION
ELEC EN JAP	ELECTRICAL ENGINEERING IN JAPAN
ELEC REV	ELECTRICAL REVIEW
ELEC TECH R	ELECTRIC TECHNOLOGY, USSR
ELECTR ACT	ELECTROCHIMICA ACTA
ELECTR CO J	ELECTRONICS AND COMMUNICATIONS IN JAPAN
ELECTR ENG	ELECTRONIC ENGINEERING
ELECTR ENGR	ELECTRONIC ENGINEER
ELECTR LETT	ELECTRONICS LETTERS
ELECTR POW	ELECTRONICS AND POWER
ELECTR PROD	ELECTRONIC PRODUCTS
ELECTRONICS	ELECTRONICS
ELECTROTECH	ELECTRO-TECHNOLOGY
ELEKTR DAT	ELEKTRONISCHE DATENVERARBEITUNG
ELEKTR Z B	ELEKTROTECHNISCHE ZEITSCHRIFT. AUSGABE B
ELETTROTECN	ELETTROTECNICA
ENDEAVOUR	ENDEAVOUR
ENDOCR JAP	ENDOCRINOLOGIA JAPONICA
ENDOCRINOL	ENDOCRINOLOGY
ENDOKRINOL	ENDOKRINOLOGIE
ENERGIA ATOM	ENERGIA ES ATOMTECHNIKA
ENERGIA NU M	ENERGIA NUCLEAR, MADRID
ENERGIA NUCL	ENERGIA NUCLEARE
ENERGE NUCL	ENERGIE NUCLEAIRE
ENERGY CONV	ENERGY CONVERSION
ENG CYBER R	ENGINEERING CYBERNETICS, USSR
ENG EDUC	ENGINEERING EDUCATION
ENG GEOL	ENGINEERING GEOLOGY
ENG J	ENGINEERING JOURNAL, NEW YORK
ENG MAT DES	ENGINEERING MATERIALS AND DESIGN
ENGINEERING	ENGINEERING
ENT EXP APP	ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA
ENV CONTR S	ENVIRONMENTAL CONTROL AND SAFETY MANAGEMENT
ENV CONTR M	ENVIRONMENTAL CONTROL MANAGEMENT
ENV SCI TEC	ENVIRONMENTAL SCIENCE AND TECHNOLOGY
ENVIR Q	ENVIRONMENTAL QUARTERLY
ENVIR RES	ENVIRONMENTAL RESEARCH
ENVIR SP R	ENVIRONMENTAL SPACE SCIENCES, USSR
ENVIRONMENT	ENVIRONMENT
ENZ BIOL CL	ENZYMOLOGIA BIOLOGICA ET CLINICA
ENZYMOLOGIA	ENZYMOLOGIA
EPILEPSIA	EPILEPSIA AND SUPPLEMENT
ERD KOH EPB	ERDOL UND KOHLE ERDGAS PETROCHEMIE VEREINIGT MIT BRENNSTOFF-CHEMIE
ERGONOMICS	ERGONOMICS
ERICSSON RE	ERICSSON REVIEW
ERICSSON TE	ERICSSON TECHNICS
ETHNOLOGY	ETHNOLOGY
EUPHYTICA	EUPHYTICA
EUR J BIOCH	EUROPEAN JOURNAL OF BIOCHEMISTRY
EUR J CANC	EUROPEAN JOURNAL OF CANCER
EUR J CLIN	EUROPEAN JOURNAL OF CLINICAL AND BIOLOGICAL RESEARCH
EUR J PHARM	EUROPEAN JOURNAL OF PHARMACOLOGY
EUR NEUROL	EUROPEAN NEUROLOGY
EUR POLYM J	EUROPEAN POLYMER JOURNAL
EUR SURG RE	EUROPEAN SURGICAL RESEARCH
EURO SPECTR	EURO SPECTRA
EVOLUTION	EVOLUTION
EXP AGRICUL	EXPERIMENTAL AGRICULTURE
EXP BRAIN R	EXPERIMENTAL BRAIN RESEARCH
EXP CELL RE	EXPERIMENTAL CELL RESEARCH
EXP EYE RES	EXPERIMENTAL EYE RESEARCH
EXP GERONT	EXPERIMENTAL GERONTOLOGY
EXP MECH	EXPERIMENTAL MECHANICS
EXP MED SUR	EXPERIMENTAL MEDICINE AND SURGERY
EXP MOL PAT	EXPERIMENTAL AND MOLECULAR PATHOLOGY
EXP PARASI	EXPERIMENTAL PARASITOLOGY
EXP NEUROL	EXPERIMENTAL NEUROLOGY
EXPERIENTIA	EXPERIENTIA
EYE EAR NOS	EYE, EAR, NOSE AND THROAT MONTHLY
F CHEM ORG	FORTSCHRITTE DER CHEMIE ORGANISCHER NATURSTOFFE
F NEUR PSYC	FORTSCHRITTE DER NEUROLOGIE UND PSYCHIATRIE UND IHRER GRENZGEBIETE
F ROENT NUK	FORTSCHRITTE AUF DEM GEBIETE DER RONTGENSTRAHLEN UND DER NUKLEARMEDIZIN
FAO PLANT	FAO PLANT PROTECTION BULLETIN
FARM CHEM	FARM CHEMICALS AND CROPLIFE
FARM Q	FARM QUARTERLY
FARMACO PRA	FARMACO. EDIZIONE PRATICA
FARMACO SCI	FARMACO. EDIZIONE SCIENTIFICA
FDA PAPERS	FDA PAPERS
FEBS LETTER	FEBS LETTERS
FED PROC	FEDERATION PROCEEDINGS
FEEDSTUFFS	FEEDSTUFFS
FERT STERIL	FERTILITY AND STERILITY
FET SEI ANS	FETTE, SEIFEN, ANSTRICHMITTEL VERBUNDEN MIT DER ZEITSCHRIFT DIE ERNAHRUNGSINDUSTRIE
FIN KEM MED	FINSKA KEMISTSAMFUNDETS MEDDELANDEN
FLUORIDE	FLUORIDE OFFICIAL QUARTERLY JOURNAL OF INTERNATIONAL SOCIETY FOR FLUORIDE RESEARCH
FOL BIOL	FOLIA BIOLOGICA
FOL MICROB	FOLIA MICROBIOLOGICA
FOL PRIMAT	FOLIA PRIMATOLOGICA
FONDERIE FR	FONDERIE, FRANCE
FOOD COSMET	FOOD AND COSMETICS TOXICOLOGY
FOOD ENG	FOOD ENGINEERING
FOOD MANUF	FOOD MANUFACTURE
FOOD TECHN	FOOD TECHNOLOGY

FOREIGN AGR	FOREIGN AGRICULTURE
FOREST CHRO	FORESTRY CHRONICLE
FOREST SCI	FOREST SCIENCE
FORESTRY	FORESTRY
FORTSCHR PH	FORTSCHRITTE DER PHYSIK
FOUND LANG	FOUNDATIONS OF LANGUAGE
FRONT LIBR	FRONTIERS OF LIBRARIANSHIP SYRACUSE UNIVERSITY
FUEL	FUEL
FUTURES	FUTURES
GANN	GANN
GARDEN J	GARDEN JOURNAL
GASTROENTY	GASTROENTEROLOGY
GEC AEI J	GEC AEI JOURNAL OF SCIENCE AND TECHNOLOGY
GEN C ENDOC	GENERAL AND COMPARATIVE ENDOCRINOLOGY
GEN SYST	GENERAL SYSTEMS
GENET IBER	GENETICA IBERICA
GENET POL	GENETICA POLONICA
GENET PSYCH	GENETIC PSYCHOLOGY MONOGRAPHS
GENET RES	GENETICAL RESEARCH
GENETICA	GENETICA
GENETICS	GENETICS
GEOCH COS A	GEOCHIMICA ET COSMOCHIMICA ACTA
GEOCH INT R	GEOCHEMISTRY INTERNATIONAL, USSR
GEODERMA	GEODERMA
GEOEXPLOR	GEOEXPLORATION
GEOFIS MET	GEOFISICA E METEOROLOGIA
GEOGR J	GEOGRAPHICAL JOURNAL
GEOL MAG	GEOLOGICAL MAGAZINE
GEOL S AM B	GEOLOGICAL SOCIETY OF AMERICA BULLETIN
GEOL S IN B	GEOLOGICAL SOCIETY OF INDIA BULLETIN
GEOPHYS J R	GEOPHYSICAL JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY
GEOPHYSICS	GEOPHYSICS
GEOTECHNIQ	GEOTECHNIQUE
GERIATRICS	GERIATRICS
GERONT CLIN	GERONTOLOGIA CLINICA
GERONTOL	GERONTOLOGIST
GERONTOLOG	GERONTOLOGIA
GIOR GERONT	GIORNALE DI GERONTOLOGIA
GIOR MICROB	GIORNALE DI MICROBIOLOGIA
GL BEE CULT	GLEANINGS IN BEE CULTURE
GLAS MATH J	GLASGOW MATHEMATICAL JOURNAL
GLASS TECH	GLASS TECHNOLOGY
GROUND WAT	GROUND WATER AGE
GROWTH	GROWTH
GUT	GUT
GYNAECOL	GYNAECOLOGIA
GYNECOL INV	GYNECOLOGIC INVESTIGATIO
H-S Z PHYSL	HOPPE-SEYLERS ZEITSCHRIFT FUR PHYSIOLOGISCHE CHEMIE
HARV BUS RE	HARVARD BUSINESS REVIEW
HAUTARZT	HAUTARZT
HEALTH LAB	HEALTH LABORATORY SCIENCE
HEALTH PHYS	HEALTH PHYSICS
HELG W MEER	HELGOLANDER WISSENSCHAFTLICHE MEERESUNTERSUCHUNGEN
HELV CHIM A	HELVETICA CHIMICA ACTA
HELV CHIR A	HELVETICA CHIRURGICA ACTA
HELV MED A	HELVETICA MEDICA ACTA
HELV ODON A	HELVETICA ODONTOLOGICA ACTA
HELV PAED A	HELVETICA PAEDIATRICA ACTA
HELV PHYS A	HELVETICA PHYSICA ACTA
HEREDITAS	HEREDITAS, GENETISKT ARKIV
HEREDITY	HEREDITY
HIGH TEMP R	HIGH TEMPERATURE, USSR
HILGARDIA	HILGARDIA
HIROS J MED	HIROSHIMA JOURNAL OF MEDICAL SCIENCES
HISTOCHEMIE	HISTOCHEMIE
HOLZ ROH WE	HOLZ ALS ROH- UND WERKSTOFF
HOLZF HOLZV	HOLZFORSCHUNG UND HOLZVERWERTUNG
HOLZFORSCH	HOLZFORSCHUNG
HORT RES	HORTICULTURAL RESEARCH
HORTICULT	HORTICULTURE
HUMAN BIOL	HUMAN BIOLOGY
HUMAN DEV	HUMAN DEVELOPMENT
HUMAN FACT	HUMAN FACTORS
HUMAN HERED	HUMAN HEREDITY
HUMAN RELAT	HUMAN RELATIONS
HUMANGENET	HUMANGENETIK
HYDRA PNEUM	HYDRAULICS AND PNEUMATICS
HYDROC PROC	HYDROCARBON PROCESSING
I J AGR SCI	INDIAN JOURNAL OF AGRICULTURAL SCIENCES
I J BIOCHEM	INDIAN JOURNAL OF BIOCHEMISTRY
I J CHEM	INDIAN JOURNAL OF CHEMISTRY
I J EX BIOL	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY
I J GENET P	INDIAN JOURNAL OF GENETICS AND PLANT BREEDING
I J MED RES	INDIAN JOURNAL OF MEDICAL RESEARCH
I J PA PHYS	INDIAN JOURNAL OF PURE AND APPLIED PHYSICS
I J PHYSICS	INDIAN JOURNAL OF PHYSICS AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
I J PSYCHOL	INDIAN JOURNAL OF PSYCHOLOGY
I J TECHN	INDIAN JOURNAL OF TECHNOLOGY
I J THEOR P	INDIAN JOURNAL OF THEORETICAL PHYSICS
IAN SSS FAO	IZVESTIYA AKADEMII NAUK SSSR. FIZIKA ATMOSFERY I OKEANA
IAN SSS FIZ	IZVESTIYA AKADEMII NAUK SSSR. SERIYA FIZICHESKAYA
IAN SSS KH	IZVESTIYA AKADEMII NAUK SSSR SERIYA KHIMICHESKAYA
IBIS	IBIS
IBM J RES	IBM JOURNAL OF RESEARCH AND DEVELOPMENT
IBM SYST J	IBM SYSTEMS JOURNAL
ICARUS	ICARUS
IEEE AER EL	IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS
IEEE ANTENN	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION
IEEE AUDIO	IEEE TRANSACTIONS ON AUDIO AND ELECTROACOUSTICS
IEEE AUTO C	IEEE TRANSACTIONS ON AUTOMATIC CONTROL
IEEE B TELE	IEEE TRANSACTIONS ON BROADCAST AND TELEVISION RECEIVERS
IEEE BIOMED	IEEE TRANSACTIONS ON BIO-MEDICAL ENGINEERING
IEEE BROADC	IEEE TRANSACTIONS ON BROADCASTING
IEEE C TECH	IEEE TRANSACTIONS ON COMMUNICATION TECHNOLOGY
IEEE CIRC T	IEEE TRANSACTIONS ON CIRCUIT THEORY
IEEE COM GN	IEEE COMPUTER GROUP NEWS
IEEE COMPUT	IEEE TRANSACTIONS ON COMPUTERS
IEEE DEVICE	IEEE TRANSACTIONS ON ELECTRON DEVICES
IEEE E WRIT	IEEE TRANSACTIONS ON ENGINEERING WRITING AND SPEECH
IEEE EDUCAT	IEEE TRANSACTIONS ON EDUCATION
IEEE EL INS	IEEE TRANSACTIONS ON ELECTRICAL INSULATION
IEEE ELM CS	IEEE ELECTROMAGNETIC COMPATIBILITY SYMPOSIUM RECORD
IEEE ELMAGN	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY
IEEE GEOSCI	IEEE TRANSACTIONS ON GEOSCIENCE ELECTRONICS
IEEE IND AP	IEEE TRANSACTIONS ON INDUSTRY AND GENERAL APPLICATIONS
IEEE IND EL	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS AND CONTROL INSTRUMENTATION
IEEE INFO T	IEEE TRANSACTIONS ON INFORMATION THEORY
IEEE INSTR	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT
IEEE J Q EL	IEEE JOURNAL OF QUANTUM ELECTRONICS
IEEE J SOLI	IEEE JOURNAL OF SOLID-STATE CIRCUITS
IEEE MAGNET	IEEE TRANSACTIONS ON MAGNETICS
IEEE MAN MA	IEEE TRANSACTIONS ON MAN-MACHINE SYSTEMS
IEEE MANAGE	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT
IEEE MICR T	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES
IEEE NUCL S	IEEE TRANSACTIONS ON NUCLEAR SCIENCE
IEEE PARTS	IEEE TRANSACTIONS ON PARTS, MATERIALS AND PACKAGING
IEEE POWER	IEEE TRANSACTIONS ON POWER APPARATUS AND SYSTEMS
IEEE RELIAB	IEEE TRANSACTIONS ON RELIABILITY
IEEE SON UL	IEEE TRANSACTIONS ON SONICS AND ULTRASONICS
IEEE SPECTR	IEEE SPECTRUM
IEEE SYST S	IEEE TRANSACTIONS ON SYSTEMS SCIENCE AND CYBERNETICS
IEEE VEH T	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY
IEEE VEH TG	IEEE VEHICULAR TECHNOLOGY GROUP. ANNUAL CONFERENCE
IIRB	IIRB
ILL J MATH	ILLINOIS JOURNAL OF MATHEMATICS
IMMUNOCHEM	IMMUNOCHEMISTRY
IMMUNOLOGY	IMMUNOLOGY
IMPACT SCI	IMPACT OF SCIENCE ON SOCIETY
IND CHIM BE	INDUSTRIE CHIMIQUE BELGE-BELGISCHE CHEMISCHE INDUSTRIE
IND DIAM RE	INDUSTRIAL DIAMOND REVIEW
IND ENG	INDUSTRIAL ENGINEERING
IND ENG CH	INDUSTRIAL AND ENGINEERING CHEMISTRY
IND ENG F	INDUSTRIAL AND ENGINEERING CHEMISTRY FUNDAMENTALS
IND ENG PDD	INDUSTRIAL AND ENGINEERING CHEMISTRY PROCESS DESIGN AND DEVELOPMENT
IND ENG PRD	INDUSTRIAL AND ENGINEERING CHEMISTRY PRODUCT RESEARCH AND DEVELOPMENT
IND FINISH	INDUSTRIAL FINISHING
IND LAB R	INDUSTRIAL LABORATORY, USSR
IND LUB TRI	INDUSTRIAL LUBRICATION AND TRIBOLOGY
IND MED SUR	INDUSTRIAL MEDICINE AND SURGERY
IND PHOTOGR	INDUSTRIAL PHOTOGRAPHY
IND RES	INDUSTRIAL RESEARCH
INDI MATH J	INDIANA UNIVERSITY MATHEMATICS JOURNAL
INF CONTR	INFORMATION AND CONTROL
INF SCI	INFORMATION SCIENCES
INF SCIENT	INFORMATION SCIENTIST
INF STORAGE	INFORMATION STORAGE AND RETRIEVAL
INFRAR PHYS	INFRARED PHYSICS
ING ARCH	INGENIEUR-ARCHIV
ING CHIM IT	QUADERNI DELL INGEGNERE CHIMICO ITALIANO
INORG CHEM	INORGANIC CHEMISTRY
INORG NUCL	INORGANIC AND NUCLEAR CHEMISTRY LETTERS
INSECT SOC	INSECTES SOCIAUX
INSTR CONTR	INSTRUMENTS AND CONTROL SYSTEMS
INSTR EXP R	INSTRUMENTS AND EXPERIMENTAL TECHNIQUES, USSR
INSTR PRACT	INSTRUMENT PRACTICE
INSTR TECH	INSTRUMENTATION TECHNOLOGY
INSTRUMENT	INSTRUMENTATION
INT A ALLER	INTERNATIONAL ARCHIVES OF ALLERGY AND APPLIED IMMUNOLOGY
INT BIOD B	INTERNATIONAL BIODETERIORATION BULLETIN
INT CHEM EN	INTERNATIONAL CHEMICAL ENGINEERING
INT DENT J	INTERNATIONAL DENTAL JOURNAL
INT ELEKTR	INTERNATIONALE ELEKTRONISCHE RUNDSCHAU
INT HYD REV	INTERNATIONAL HYDROGRAPHIC REVIEW
INT J A AFF	INTERNATIONAL JOURNAL OF AGRARIAN AFFAIRS
INT J A RAD	INTERNATIONAL JOURNAL OF APPLIED RADIATION AND ISOTOPES
INT J CANC	INTERNATIONAL JOURNAL OF CANCER
INT J CE HY	INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL HYPNOSIS
INT J COM M	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS
INT J CONTR	INTERNATIONAL JOURNAL OF CONTROL
INT J EL EN	INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION
INT J ELECT	INTERNATIONAL JOURNAL OF ELECTRONICS
INT J ENG S	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE
INT J FERT	INTERNATIONAL JOURNAL OF FERTILITY
INT J FRACT	INTERNATIONAL JOURNAL OF FRACTURE MECHANICS
INT J GRP P	INTERNATIONAL JOURNAL OF GROUP PSYCHOTHERAPY
INT J HEAT	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER
INT J MACH	INTERNATIONAL JOURNAL OF MACHINE TOOL DESIGN AND RESEARCH
INT J MECH	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES
INT J NEURO	INTERNATIONAL JOURNAL OF NEUROLOGY
INT J POWD	INTERNATIONAL JOURNAL OF POWDER METALLURGY
INT J PROT	INTERNATIONAL JOURNAL OF PROTEIN RESEARCH
INT J PSYCH	INTERNATIONAL JOURNAL OF PSYCHO-ANALYSIS
INT J RAD B	INTERNATIONAL JOURNAL OF RADIATION BIOLOGY AND RELATED STUDIES IN PHYSICS, CHEMISTRY AND MEDICINE
INT J ROCK	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES
INT PHARMAC	INTERNATIONAL PHARMACOPSYCHIATRY
INT Z ANG P	INTERNATIONALE ZEITSCHRIFT FUR ANGEWANDTE PHYSIOLOGIE EINSCHLIESSLICH ARBEITSPHYSIOLOGIE
INT Z VITAM	INTERNATIONALE ZEITSCHRIFT FUR VITAMINFORSCHUNG
INTER ELECT	INTER ELECTRONIQUE
INV OPHTH	INVESTIGATIVE OPHTHALMOLOGY
INV PESQ	INVESTIGACION PESQUERA
INV RADIOL	INVESTIGATIVE RADIOLOGY
INV UROL	INVESTIGATIVE UROLOGY
INVENT MATH	INVENTIONES MATHEMATICAE
IRISH ASTR	IRISH ASTRONOMICAL JOURNAL
IRISH J AGR	IRISH JOURNAL OF AGRICULTURAL RESEARCH
IRRAD ALIM	IRRADIATION DES ALIMENTS
ISA TRANS	ISA TRANSACTIONS
ISOTOP RAD	ISOTOPES AND RADIATION TECHNOLOGY
ISR J AGR R	ISRAEL JOURNAL OF AGRICULTURAL RESEARCH
ISR J BOT	ISRAEL JOURNAL OF BOTANY
ISR J CHEM	ISRAEL JOURNAL OF CHEMISTRY
ISR J EARTH	ISRAEL JOURNAL OF EARTH SCIENCES
ISR J MATH	ISRAEL JOURNAL OF MATHEMATICS
ISR J MED S	ISRAEL JOURNAL OF MEDICAL SCIENCES
ISR J TECH	ISRAEL JOURNAL OF TECHNOLOGY
ISR J ZOOL	ISRAEL JOURNAL OF ZOOLOGY
ITAL J BIOC	ITALIAN JOURNAL OF BIOCHEMISTRY
IVUZ FIZ	IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. FIZIKA
J ABN PSYCH	JOURNAL OF ABNORMAL PSYCHOLOGY AND SUPPLEMENT
J ACM	JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY
J ACOUST SO	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA
J ADHESION	JOURNAL OF ADHESION
J AGR ENG R	JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH
J AGR FOOD	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY
J AGR SCI	JOURNAL OF AGRICULTURAL SCIENCE
J AIR POLLU	JOURNAL OF THE AIR POLLUTION CONTROL ASSOCIATION
J ALB EIN M	JOURNAL OF THE ALBERT EINSTEIN MEDICAL CENTER
J ALGEBRA	JOURNAL OF ALGEBRA
J ALLERGY	JOURNAL OF ALLERGY
J AM A CHIL	JOURNAL OF THE AMERICAN ACADEMY OF CHILD PSYCHIATRY
J AM CERAM	JOURNAL OF THE AMERICAN CERAMIC SOCIETY
J AM CHEM S	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY
J AM DENT A	JOURNAL OF THE AMERICAN DENTAL ASSOCIATION
J AM DIET A	JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION
J AM GER SO	JOURNAL OF THE AMERICAN GERIATRICS SOCIETY
J AM LEATH	JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION
J AM MED A	JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
J AM OIL CH	JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY
J AM PHARM	JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION
J AM S HORT	JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE
J AM S INFO	JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE
J AM S SUG	JOURNAL OF THE AMERICAN SOCIETY OF SUGAR BEET TECHNOLOGISTS
J AM STAT A	JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION
J AM VET ME	JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION
J AM VET RA	JOURNAL OF THE AMERICAN VETERINARY RADIOLOGY SOCIETY
J AM WATER	JOURNAL OF THE AMERICAN WATER WORKS ASSOCIATION
J ANAL MATH	JOURNAL D ANALYSE MATHEMATIQUE
J ANAL PSYC	JOURNAL OF ANALYTICAL PSYCHOLOGY
J ANAT	JOURNAL OF ANATOMY
J ANIM ECOL	JOURNAL OF ANIMAL ECOLOGY
J ANIM SCI	JOURNAL OF ANIMAL SCIENCE
J ANTIBIOT	JOURNAL OF ANTIBIOTICS
J AOAC	JOURNAL OF THE ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS
J APP PHYSL	JOURNAL OF APPLIED PHYSIOLOGY
J APPL BACT	JOURNAL OF APPLIED BACTERIOLOGY
J APPL BE A	JOURNAL OF APPLIED BEHAVIOR ANALYSIS
J APPL BEH	JOURNAL OF APPLIED BEHAVIORAL SCIENCE
J APPL CHEM	JOURNAL OF APPLIED CHEMISTRY
J APPL CRYS	JOURNAL OF APPLIED CRYSTALLOGRAPHY
J APPL ECOL	JOURNAL OF APPLIED ECOLOGY
J APPL MA R	JOURNAL OF APPLIED MATHEMATICS AND MECHANICS, USSR
J APPL MECH	JOURNAL OF APPLIED MECHANICS
J APPL PHYS	JOURNAL OF APPLIED PHYSICS
J APPL POLY	JOURNAL OF APPLIED POLYMER SCIENCE
J APPL PROB	JOURNAL OF APPLIED PROBABILITY
J APPL PSYC	JOURNAL OF APPLIED PSYCHOLOGY, AND MONOGRAPH
J ARN ARBOR	JOURNAL OF THE ARNOLD ARBORETUM
J ASTRONAUT	JOURNAL OF THE ASTRONAUTICAL SCIENCES
J ATHEROSCL	JOURNAL OF ATHEROSCLEROSIS RESEARCH
J ATM TER P	JOURNAL OF ATMOSPHERIC AND TERRESTIAL PHYSICS
J ATMOS SCI	JOURNAL OF THE ATMOSPHERIC SCIENCES
J AUD ENG S	JOURNAL OF THE AUDIO ENGINEERING SOCIETY
J AUS I AGR	JOURNAL OF THE AUSTRALIAN INSTITUTE OF AGRICULTURAL SCIENCE
J AUS I MET	JOURNAL OF THE AUSTRALIAN INSTITUTE OF METALS
J BACT	JOURNAL OF BACTERIOLOGY
J BASIC ENG	JOURNAL OF BASIC ENGINEERING
J BELG RAD	JOURNAL BELGE DE RADIOLOGIE
J BIOCHEM	JOURNAL OF BIOCHEMISTRY
J BIOL CHEM	JOURNAL OF BIOLOGICAL CHEMISTRY
J BIOL PHOT	JOURNAL OF THE BIOLOGICAL PHOTOGRAPHIC ASSOCIATION
J BIOMECHAN	JOURNAL OF BIOMECHANICS
J BIOSOC SC	JOURNAL OF BIOSOCIAL SCIENCE
J BONE JOIN	JOURNAL OF BONE AND JOINT SURGERY
J BR GRASSL	JOURNAL OF THE BRITISH GRASSLAND SOCIETY
J BR NUCL E	JOURNAL OF THE BRITISH NUCLEAR ENERGY SOCIETY
J CAN PET T	JOURNAL OF CANADIAN PETROLEUM TECHNOLOGY
J CARD SURG	JOURNAL OF CARDIOVASCULAR SURGERY
J CATALYSIS	JOURNAL OF CATALYSIS
J CELL BIOL	JOURNAL OF CELL BIOLOGY
J CELL PHYS	JOURNAL OF CELLULAR PHYSIOLOGY
J CELL SCI	JOURNAL OF CELL SCIENCE
J CHEM DOC	JOURNAL OF CHEMICAL DOCUMENTATION
J CHEM EDUC	JOURNAL OF CHEMICAL EDUCATION
J CHEM EN D	JOURNAL OF CHEMICAL AND ENGINEERING DATA
J CHEM PHYS	JOURNAL OF CHEMICAL PHYSICS
J CHEM S A	JOURNAL OF THE CHEMICAL SOCIETY. A. INORGANIC, PHYSICAL, THEORETICAL

CHEM S B	JOURNAL OF THE CHEMICAL SOCIETY. B. PHYSICAL ORGANIC
CHEM S C	JOURNAL OF THE CHEMICAL SOCIETY. C. ORGANIC
CHEM S D	JOURNAL OF THE CHEMICAL SOCIETY. D. CHEMICAL COMMUNICATIONS
CHEM UAR	JOURNAL OF CHEMISTRY OF THE UNITED ARAB REPUBLIC
CHILD PSY	JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY AND ALLIED DISCIPLINES
CHIM PHYS	JOURNAL DE CHIMIE PHYSIQUE ET DE PHYSICO-CHIMIE BIOLOGIQUE
CHIN CHEM	JOURNAL OF THE CHINESE CHEMICAL SOCIETY
CHROM SCI	JOURNAL OF CHROMATOGRAPHIC SCIENCE
CHROMAT	JOURNAL OF CHROMATOGRAPHY
CHRON DIS	JOURNAL OF CHRONIC DISEASES
CLIN END	JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM
CLIN INV	JOURNAL OF CLINICAL INVESTIGATION
CLIN PATH	JOURNAL OF CLINICAL PATHOLOGY
CLIN PHAR	JOURNAL OF CLINICAL PHARMACOLOGY AND THE JOURNAL OF NEW DRUGS
CLIN PSYC	JOURNAL OF CLINICAL PSYCHOLOGY
COLL I SC	JOURNAL OF COLLOID AND INTERFACE SCIENCE
COM PHYSL	JOURNAL OF COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY AND SUPPLEMENT
COMP NEUR	JOURNAL OF COMPARATIVE NEUROLOGY
COMP PATH	JOURNAL OF COMPARATIVE PATHOLOGY
COMPOS MA	JOURNAL OF COMPOSITE MATERIALS
CONFL RES	JOURNAL OF CONFLICT RESOLUTION
CONS CLIN	JOURNAL OF CONSULTING AND CLINICAL PSYCHOLOGY AND SUPPLEMENT
CONSEIL	JOURNAL DU CONSEIL
COUN PSYC	JOURNAL OF COUNSELING PSYCHOLOGY
CRYOSURG	JOURNAL OF CRYOSURGERY
DAIRY RES	JOURNAL OF DAIRY RESEARCH
DAIRY SCI	JOURNAL OF DAIRY SCIENCE
DENT RES	JOURNAL OF DENTAL RESEARCH
DIFF EQUA	JOURNAL OF DIFFERENTIAL EQUATIONS
DOC	JOURNAL OF DOCUMENTATION
ECOLOGY	JOURNAL OF ECOLOGY
ECON ENT	JOURNAL OF ECONOMIC ENTOMOLOGY
EDUC DATA	JOURNAL OF EDUCATIONAL DATA PROCESSING
EDUC LIBR	JOURNAL OF EDUCATION FOR LIBRARIANSHIP
EDUC PSYC	JOURNAL OF EDUCATIONAL PSYCHOLOGY AND SUPPLEMENT
EDUC RES	JOURNAL OF EDUCATIONAL RESEARCH
ELCHEM SJ	JOURNAL OF THE ELECTROCHEMICAL SOCIETY OF JAPAN
ELCHEM SO	JOURNAL OF THE ELECTROCHEMICAL SOCIETY
ELEC CHEM	JOURNAL OF ELECTROANALYTICAL CHEMISTRY AND INTERFACIAL ELECTROCHEMISTRY
EMB EXP M	JOURNAL OF EMBRYOLOGY AND EXPERIMENTAL MORPHOLOGY
ENDOCR	JOURNAL OF ENDOCRINOLOGY
ENG IND	JOURNAL OF ENGINEERING FOR INDUSTRY
ENG MATH	JOURNAL OF ENGINEERING MATHEMATICS
ENG POWER	JOURNAL OF ENGINEERING FOR POWER
ENG PSYCH	JOURNAL OF ENGINEERING PSYCHOLOGY
ENVIR SCI	JOURNAL OF ENVIRONMENTAL SCIENCES
EX AN BEH	JOURNAL OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR
EXP BIOL	JOURNAL OF EXPERIMENTAL BIOLOGY
EXP BOT	JOURNAL OF EXPERIMENTAL BOTANY
EXP C PSY	JOURNAL OF EXPERIMENTAL CHILD PSYCHOLOGY
EXP EDUC	JOURNAL OF EXPERIMENTAL EDUCATION
EXP MED	JOURNAL OF EXPERIMENTAL MEDICINE
EXP PSYCH	JOURNAL OF EXPERIMENTAL PSYCHOLOGY, AND MONOGRAPH
EXP S PSY	JOURNAL OF EXPERIMENTAL SOCIAL PSYCHOLOGY
EXP ZOOL	JOURNAL OF EXPERIMENTAL ZOOLOGY
FAC TOK 1	JOURNAL OF THE FACULTY OF SCIENCE UNIVERSITY OF TOKYO. SECTION 1. MATHEMATICS, ASTRONOMY, PHYSICS, CHEMISTRY
FERM TECH	JOURNAL OF FERMENTATION TECHNOLOGY
FISH BIOL	JOURNAL OF FISH BIOLOGY
FISH RES	JOURNAL OF THE FISHERIES RESEARCH BOARD OF CANADA
FLUID MEC	JOURNAL OF FLUID MECHANICS
FOOD SCI	JOURNAL OF FOOD SCIENCE
FOR SCI	JOURNAL OF THE FORENSIC SCIENCE SOCIETY
FORESTRY	JOURNAL OF FORESTRY
FRANKL I	JOURNAL OF THE FRANKLIN INSTITUTE
GEN A MIC	JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY
GEN CHE R	JOURNAL OF GENERAL CHEMISTRY, USSR
GEN MICRO	JOURNAL OF GENERAL MICROBIOLOGY
GEN PHYSL	JOURNAL OF GENERAL PHYSIOLOGY
GEN PSYCH	JOURNAL OF GENERAL PSYCHOLOGY
GEN VIROL	JOURNAL OF GENERAL VIROLOGY
GENET HUM	JOURNAL DE GENETIQUE HUMAINE
GENET PSY	JOURNAL OF GENETIC PSYCHOLOGY
GENETICS	JOURNAL OF GENETICS
GEOLOGY	JOURNAL OF GEOLOGY
J GEOMAGN G	JOURNAL OF GEOMAGNETISM AND GEOELECTRICITY
J GEOPH RES	JOURNAL OF GEOPHYSICAL RESEARCH
J GERONTOL	JOURNAL OF GERONTOLOGY
J HEAT TRAN	JOURNAL OF HEAT TRANSFER
J HEREDITY	JOURNAL OF HEREDITY
J HETERO CH	JOURNAL OF HETEROCYCLIC CHEMISTRY
J HIST CYTO	JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY
J HORT SCI	JOURNAL OF HORTICULTURAL SCIENCE
J HYG CAMB	JOURNAL OF HYGIENE, CAMBRIDGE
J HYG EP MI	JOURNAL OF HYGIENE EPIDEMIOLOGY MICROBIOLOGY AND IMMUNOLOGY
J I BREWING	JOURNAL OF THE INSTITUTE OF BREWING
J I FUEL	JOURNAL OF THE INSTITUTE OF FUEL
J I HIGHW E	JOURNAL OF THE INSTITUTION OF HIGHWAY ENGINEERS
J I METALS	JOURNAL OF THE INSTITUTE OF METALS
J I NAVIG	JOURNAL OF THE INSTITUTE OF NAVIGATION
J I PETROL	JOURNAL OF THE INSTITUTE OF PETROLEUM
J I WOOD SC	JOURNAL OF THE INSTITUTE OF WOOD SCIENCE
J IMMUNOL	JOURNAL OF IMMUNOLOGY
J IND CH S	JOURNAL OF THE INDIAN CHEMICAL SOCIETY
J INDIAN I	JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE
J INDIV PSY	JOURNAL OF INDIVIDUAL PSYCHOLOGY
J INFEC DIS	JOURNAL OF INFECTIOUS DISEASES
J INORG NUC	JOURNAL OF INORGANIC AND NUCLEAR CHEMISTRY
J INSECT PH	JOURNAL OF INSECT PHYSIOLOGY
J INVER PAT	JOURNAL OF INVERTEBRATE PATHOLOGY
J INVES DER	JOURNAL OF INVESTIGATIVE DERMATOLOGY
J IRON ST I	JOURNAL OF THE IRON AND STEEL INSTITUTE
J JAP S LUB	JOURNAL OF JAPAN SOCIETY OF LUBRICATION ENGINEERS
J LA CL MED	JOURNAL OF LABORATORY AND CLINICAL MEDICINE
J LABEL COM	JOURNAL OF LABELLED COMPOUND
J LESSC MET	JOURNAL OF THE LESS-COMMON METALS
J LIBR AUT	JOURNAL OF LIBRARY AUTOMATION
J LIPID RES	JOURNAL OF LIPID RESEARCH
J LOND MATH	JOURNAL OF THE LONDON MATHEMATICAL SOCIETY
J LUB TECH	JOURNAL OF LUBRICATION TECHNOLOGY
J MACR S CH	JOURNAL OF MACROMOLECULAR SCIENCE. CHEMISTRY
J MACR S PH	JOURNAL OF MACROMOLECULAR SCIENCE. PHYSICS
J MACR S RM	JOURNAL OF MACROMOLECULAR SCIENCE. REVIEWS IN MACROMOLECULAR CHEMISTRY
J MAMMAL	JOURNAL OF MAMMALOGY
J MANAG STU	JOURNAL OF MANAGEMENT STUDIES
J MARINE BI	JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM
J MARINE RE	JOURNAL OF MARINE RESEARCH
J MATER SCI	JOURNAL OF MATERIALS SCIENCE
J MATERIALS	JOURNAL OF MATERIALS
J MATH ANAL	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS
J MATH JAP	JOURNAL OF THE MATHEMATICAL SOCIETY OF JAPAN
J MATH MECH	JOURNAL OF MATHEMATICS AND MECHANICS
J MATH P A	JOURNAL DE MATHEMATIQUES PURES ET APPLIQUEES
J MATH PHYS	JOURNAL OF MATHEMATICAL PHYSICS
J MATH PSYC	JOURNAL OF MATHEMATICAL PSYCHOLOGY
J MECANIQUE	JOURNAL DE MECANIQUE
J MECH ENG	JOURNAL OF MECHANICAL ENGINEERING SCIENCE
J MECH PHYS	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS
J MECHANISM	JOURNAL OF MECHANISMS
J MED	JOURNAL OF MEDICINE
J MED CHEM	JOURNAL OF MEDICINAL CHEMISTRY
J MED EDUC	JOURNAL OF MEDICAL EDUCATION
J MED ENT	JOURNAL OF MEDICAL ENTOMOLOGY
J MED MICRO	JOURNAL OF MEDICAL MICROBIOLOGY
J MEMBR BIO	JOURNAL OF MEMBRANE BIOLOGY
J MENT DEF	JOURNAL OF MENTAL DEFICIENCY RESEARCH
J METALS	JOURNAL OF METALS
J MICROSCOP	JOURNAL DE MICROSCOPIE
J MILK FOOD	JOURNAL OF MILK AND FOOD TECHNOLOGY
J MOL BIOL	JOURNAL OF MOLECULAR BIOLOGY
J MOL SPECT	JOURNAL OF MOLECULAR SPECTROSCOPY
J MOL STRUC	JOURNAL OF MOLECULAR STRUCTURE
J MORPH	JOURNAL OF MORPHOLOGY
J NAT CANC	JOURNAL OF THE NATIONAL CANCER INSTITUTE
J NAT HIST	JOURNAL OF NATURAL HISTORY
J NE EXP NE	JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY
J NE NE PSY	JOURNAL OF NEUROLOGY, NEUROSURGERY AND PSYCHIATRY
J NEGRO ED	JOURNAL OF NEGRO EDUCATION
J NEMATOL	JOURNAL OF NEMATOLOGY
J NERV MENT	JOURNAL OF NERVOUS AND MENTAL DISEASE
J NEUR SCI	JOURNAL OF THE NEUROLOGICAL SCIENCES
J NEUROCHEM	JOURNAL OF NEUROCHEMISTRY
J NEUROSURG	JOURNAL OF NEUROSURGERY
J NEURPHYSL	JOURNAL OF NEUROPHYSIOLOGY
J NUC SCI T	JOURNAL OF NUCLEAR SCIENCE AND TECHNOLOGY, TOKYO
J NUCL BIOL	JOURNAL OF NUCLEAR BIOLOGY AND MEDICINE
J NUCL ENER	JOURNAL OF NUCLEAR ENERGY
J NUCL MAT	JOURNAL OF NUCLEAR MATERIALS
J NUCL MED	JOURNAL OF NUCLEAR MEDICINE
J NUTR	JOURNAL OF NUTRITION AND SUPPLEMENT
J NUTR DIET	JOURNAL OF NUTRITION AND DIETETICS
J NY ENT SO	JOURNAL OF THE NEW YORK ENTOMOLOGICAL SOCIETY
J OIL COL C	JOURNAL OF THE OIL AND COLOUR CHEMISTS ASSOCIATION
J OP RES SO	JOURNAL OF THE OPERATIONS RESEARCH SOCIETY OF JAPAN
J OPT SOC	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA
J ORAL SURG	JOURNAL OF ORAL SURGERY
J ORG CHEM	JOURNAL OF ORGANIC CHEMISTRY
J ORGMET CH	JOURNAL OF ORGANOMETALLIC CHEMISTRY
J PAINT TEC	JOURNAL OF PAINT TECHNOLOGY
J PARASITOL	JOURNAL OF PARASITOLOGY
J PATHOLOGY	JOURNAL OF PATHOLOGY
J PED SURG	JOURNAL OF PEDIATRIC SURGERY
J PEDIAT	JOURNAL OF PEDIATRICS
J PERIODONT	JOURNAL OF PERIODONTOLOGY-PERIODONTICS
J PERS SOC	JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY AND SUPPLEMENT
J PERSONAL	JOURNAL OF PERSONALITY
J PETRO TEC	JOURNAL OF PETROLEUM TECHNOLOGY
J PETROLOGY	JOURNAL OF PETROLOGY
J PHARM EXP	JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS
J PHARM PHA	JOURNAL OF PHARMACY AND PHARMACOLOGY
J PHARM SCI	JOURNAL OF PHARMACEUTICAL SCIENCES
J PHOT SCI	JOURNAL OF PHOTOGRAPHIC SCIENCE
J PHYCOLOGY	JOURNAL OF PHYCOLOGY
J PHYS A	JOURNAL OF PHYSICS. PART A. GENERAL
J PHYS B	JOURNAL OF PHYSICS. PART B. ATOMIC AND MOLECULAR PHYSICS
J PHYS C	JOURNAL OF PHYSICS. PART C. SOLID STATE PHYSICS AND SUPPLEMENT
J PHYS CH S	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS
J PHYS CHEM	JOURNAL OF PHYSICAL CHEMISTRY
J PHYS D	JOURNAL OF PHYSICS. PART D. APPLIED PHYSICS
J PHYS E	JOURNAL OF PHYSICS. PART E. SCIENTIFIC INSTRUMENTS
J PHYS JAP	JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN AND SUPPLEMENT
J PHYSIQUE	JOURNAL DE PHYSIQUE
J PHYSL LON	JOURNAL OF PHYSIOLOGY, LONDON
J PHYSL PAR	JOURNAL DE PHYSIOLOGIE, PARIS
J PLASMA PH	JOURNAL OF PLASMA PHYSICS
J POL SC A1	JOURNAL OF POLYMER SCIENCE. PART A-1. POLYMER CHEMISTRY
J POL SC A2	JOURNAL OF POLYMER SCIENCE. PART A-2. POLYMER PHYSICS
J POL SCI B	JOURNAL OF POLYMER SCIENCE. PART B. POLYMER LETTERS
J POL SCI C	JOURNAL OF POLYMER SCIENCE. PART C. POLYMER SYMPOSIA
J PRAK CHEM	JOURNAL FUR PRAKTISCHE CHEMIE
J PRE CONCR	JOURNAL OF THE PRESTRESSED CONCRETE INSTITUTE
J PROS DENT	JOURNAL OF PROSTHETIC DENTISTRY
J PROTOZOOL	JOURNAL OF PROTOZOOLOGY
J PSYCH RES	JOURNAL OF PSYCHIATRIC RESEARCH
J PSYCHOL	JOURNAL OF PSYCHOLOGY
J PSYCHOSOM	JOURNAL OF PSYCHOSOMATIC RESEARCH
J QUAN SPEC	JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER
J RAD CHEM	JOURNAL OF RADIOANALYTICAL CHEMISTRY
J RADIOL	JOURNAL DE RADIOLOGIE D ELECTROLOGIE ET DE MEDECINE NUCLEAIRE
J RANGE MAN	JOURNAL OF RANGE MANAGEMENT
J REIN MATH	JOURNAL FUR DIE REINE UND ANGEWANDTE MATHEMATIK
J REPR FERT	JOURNAL OF REPRODUCTION AND FERTILITY
J REPRO MED	JOURNAL OF REPRODUCTIVE MEDICINE
J RES MUSIC	JOURNAL OF RESEARCH IN MUSIC EDUCATION
J RES NBS A	JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS. SECTION A. PHYSICS AND CHEMISTRY
J RES NBS B	JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS. SECTION B. MATHEMATICAL SCIENCES
J RES NBS C	JOURNAL OF RESEARCH OF THE NATIONAL BUREAU OF STANDARDS. SECTION C. ENGINEERING AND INSTRUMENTATION
J RETIC SOC	JOURNAL OF THE RETICULOENDOTHELIAL SOCIETY
J ROY AGR S	JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY OF ENGLAND
J ROY ASTRO	JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA
J ROY STA A	JOURNAL OF THE ROYAL STATISTICAL SOCIETY. SERIES A. GENERAL
J ROY STA B	JOURNAL OF THE ROYAL STATISTICAL SOCIETY. SERIES B. METHODOLOGICAL
J S COSM CH	JOURNAL OF THE SOCIETY OF COSMETIC CHEMISTS
J S DYE COL	JOURNAL OF THE SOCIETY OF DYERS AND COLOURISTS
J SA CHEM I	JOURNAL OF THE SOUTH AFRICAN CHEMICAL INSTITUTE
J SA I MIN	JOURNAL OF THE SOUTH AFRICAN INSTITUTE OF MINING AND METALLURGY
J SCI FOOD	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE
J SCI IND R	JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
J SCI LAB D	JOURNAL OF THE SCIENTIFIC LABORATORIES. DENISON UNIVERSITY
J SCI TECH	JOURNAL OF SCIENCE AND TECHNOLOGY
J SED PETRO	JOURNAL OF SEDIMENTARY PETROLOGY
J SM ANIM P	JOURNAL OF SMALL ANIMAL PRACTICE
J SMPTE	JOURNAL OF THE SOCIETY OF MOTION PICTURE TELEVISION ENGINEERS
J SOC PSYCH	JOURNAL OF SOCIAL PSYCHOLOGY
J SOIL SCI	JOURNAL OF SOIL SCIENCE
J SOIL WAT	JOURNAL OF SOIL AND WATER CONSERVATION
J SOUND VIB	JOURNAL OF SOUND AND VIBRATION
J SPAC ROCK	JOURNAL OF SPACECRAFT AND ROCKETS
J SPEECH HE	JOURNAL OF SPEECH AND HEARING RESEARCH
J STORED PR	JOURNAL OF STORED PRODUCTS RESEARCH
J SURG RES	JOURNAL OF SURGICAL RESEARCH
J SYMB LOG	JOURNAL OF SYMBOLIC LOGIC
J TEXTILE I	JOURNAL OF THE TEXTILE INSTITUTE
J THEOR BIO	JOURNAL OF THEORETICAL BIOLOGY
J THOR SURG	JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY
J TRAUMA	JOURNAL OF TRAUMA
J TROP MED	JOURNAL OF TROPICAL MEDICINE AND HYGIENE
J ULTRA RES	JOURNAL OF ULTRASTRUCTURE RESEARCH
J UROL	JOURNAL OF UROLOGY
J VAC SCI T	JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY
J VERB LEAR	JOURNAL OF VERBAL LEARNING AND VERBAL BEHAVIOR
J VIROLOGY	JOURNAL OF VIROLOGY
J VITAMINOL	JOURNAL OF VITAMINOLOGY
J WATER P C	JOURNAL OF THE WATER POLLUTION CONTROL FEDERATION
J WILDL MAN	JOURNAL OF WILDLIFE MANAGEMENT
J ZOOL	JOURNAL OF ZOOLOGY
JAP ANALYST	JAPAN ANALYST
JAP CIRC J	JAPANESE CIRCULATION JOURNAL
JAP HEART J	JAPANESE HEART JOURNAL
JAP J A PHY	JAPANESE JOURNAL OF APPLIED PHYSICS
JAP J BOTAN	JAPANESE JOURNAL OF BOTANY
JAP J EXP M	JAPANESE JOURNAL OF EXPERIMENTAL MEDICINE
JAP J GENET	JAPANESE JOURNAL OF GENETICS
JAP J HUM G	JAPANESE JOURNAL OF HUMAN GENETICS
JAP J MED S	JAPANESE JOURNAL OF MEDICAL SCIENCE AND BIOLOGY
JAP J MICRO	JAPANESE JOURNAL OF MICROBIOLOGY
JAP J PHARM	JAPANESE JOURNAL OF PHARMACOLOGY
JAP J PHYSL	JAPANESE JOURNAL OF PHYSIOLOGY
JAP J VET R	JAPANESE JOURNAL OF VETERINARY RESEARCH
JAP J VET S	JAPANESE JOURNAL OF VETERINARY SCIENCE
JAP J ZOOL	JAPANESE JOURNAL OF ZOOLOGY
JAP PSY RES	JAPANESE PSYCHOLOGICAL RESEARCH
JAP TELECOM	JAPAN TELECOMMUNICATIONS REVIEW
JERNKON ANN	JERNKONTORETS ANNALER
JETP LETTER	JETP LETTERS, USSR
JOHNS H MED	JOHNS HOPKINS MEDICAL JOURNAL
KEM KOZLEM	KEMIAI KOZLEMENYEK
KEM TIDSKR	KEMISK TIDSKRIFT
KERNENERGIE	KERNENERGIE
KERNTECHNIK	KERNTECHNIK
KHIM FAR ZH	KHIMIKO FARMATSEVTICHESKII ZHURNAL
KHIM GETERO	KHIMIYA GETEROTSIKLICHESKIKH SOEDINENII
KHIM PRIR S	KHIMIYA PRIRODNYKH SOEDINENII
KLIN WOCH	KLINISCHE WOCHENSCHRIFT
KOG KAG ZAS	KOGYO KAGAKU ZASSHI
KOLLOID-Z	KOLLOID-ZEITSCHRIFT AND ZEITSCHRIFT FUR POLYMERE
KY ENGINEER	KENTUCKY ENGINEER
KYBERNETIK	KYBERNETIK
LAB ANIM CA	LABORATORY ANIMAL CARE
LAB INV	LABORATORY INVESTIGATION
LANCET	LANCET
LANDBAU VOL	LANDBAUFORSCHUNG VOLKENRODE
LANDBOUWMEC	LANDBOUWMECHANISATIE
LANDTECHNIK	LANDTECHNIK
LANG SPEECH	LANGUAGE AND SPEECH
LARYNGOSCOP	LARYNGOSCOPE

LEBENSM IND	LEBENSMITTEL INDUSTRIE
LETHAIA	LETHAIA
LETT NUOV C	LETTERE AL NUOVO CIMENTO
LIB RES TEC	LIBRARY RESOURCES AND TECHNICAL SERVICES
LIB TRENDS	LIBRARY TRENDS
LIBRARY J	LIBRARY JOURNAL
LIBRARY Q	LIBRARY QUARTERLY
LICHTTECH	LICHTTECHNIK
LIFE SCI	LIFE SCIENCES, PART 1. PHYSIOLOGY AND PHARMACOLOGY AND PART 2. BIOCHEMISTRY, GENERAL AND MOLECULAR BIOLOGY
LIFE SCI P1	LIFE SCIENCES, PART 1. PHYSIOLOGY AND PHARMACOLOGY
LIFE SCI P2	LIFE SCIENCES, PART 2. BIOCHEMISTRY, GENERAL AND MOLECULAR BIOLOGY
LILLE MED	LILLE MEDICAL
LIMN OCEAN	LIMNOLOGY AND OCEANOGRAPHY
LIPIDS	LIPIDS
LLOYDIA	LLOYDIA
LONG RANG P	LONG RANGE PLANNING
LUBRIC ENG	LUBRICATION ENGINEERING
LUBRICATION	LUBRICATION
LUFTFAHRTEC	LUFTFAHRTTECHNIK RAUMFAHRTTECHNIK
M NOT R AST	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY
M WEATH REV	MONTHLY WEATHER REVIEW
MACH PROD E	MACHINERY AND PRODUCTION ENGINEERING
MACH TOOL R	MACHINE-TOOL REVIEW
MACHINE DES	MACHINE DESIGN
MACHINERY	MACHINERY
MACROMOLEC	MACROMOLECULES
MAG CONCR R	MAGAZINE OF CONCRETE RESEARCH
MAGY KEM LA	MAGYAR KEMIKUSOK LAPJA
MAKROM CHEM	MAKROMOLEKULARE CHEMIE
MANUF CH AE	MANUFACTURING CHEMIST AND AEROSOL NEWS
MANUF CHEM	MANUFACTURING CHEMIST
MANUF ENG M	MANUFACTURING ENGINEERING & MANAGEMENT
MANUSC MATH	MANUSCRIPTA MATHEMATICA
MAR TECH SJ	MARINE TECHNOLOGY SOCIETY JOURNAL
MARCONI REV	MARCONI REVIEW
MARINE BIOL	MARINE BIOLOGY
MARINE GEOL	MARINE GEOLOGY
MASCHIN TEC	MASCHINENBAU TECHNIK
MAT FYS MED	MATEMATISK-FYSISKE MEDDELELSER UDGIVET AF DET KONGELIGE DANSKE VIDENSKABERNES SELSKAB
MAT FYS SKR	MATEMATISK-FYSISKE SKRIFTER UDGIVET AF DET KONGELIGE DANSKE VIDENSKABERNES SELSKAB
MATER ENG	MATERIALS ENGINEERING
MATER EVAL	MATERIALS EVALUATION
MATER PROT	MATERIALS PROTECTION AND PERFORMANCE
MATER RES B	MATERIALS RESEARCH BULLETIN
MATER RES S	MATERIALS RESEARCH AND STANDARDS
MATER SCI E	MATERIALS SCIENCE AND ENGINEERING
MATH ANNAL	MATHEMATISCHE ANNALEN
MATH COMPUT	MATHEMATICS OF COMPUTATION
MATH NACHR	MATHEMATISCHE NACHRICHTEN
MATH SCAND	MATHEMATICA SCANDINAVICA
MATH Z	MATHEMATISCHE ZEITSCHRIFT
MATHEMATIKA	MATHEMATIKA
MATR TENS Q	MATRIX AND TENSOR QUARTERLY
MAYO CLIN P	MAYO CLINIC PROCEEDINGS
MEAS CONTRO	MEASUREMENT AND CONTROL
MEAS TECH R	MEASUREMENT TECHNIQUES, USSR
MECH ENG	MECHANICAL ENGINEERING
MECH ENG SC	MECHANICAL ENGINEERING SCIENCE
MECH HANDL	MECHANICAL HANDLING
MECH TRANSL	MECHANICAL TRANSLATION
MECHANIK	MECHANIK MIESIECZNIK NAUKOW TECHNICZNY
MED BIO ENG	MEDICAL AND BIOLOGICAL ENGINEERING
MED BIO ILL	MEDICAL AND BIOLOGICAL ILLUSTRATION
MED C VIRG	MEDICAL COLLEGE OF VIRGINIA QUARTERLY
MED CLIN NA	MEDICAL CLINICS OF NORTH AMERICA
MED EXPERIM	MEDICINA EXPERIMENTALIS
MED J AUST	MEDICAL JOURNAL OF AUSTRALIA
MED RES ENG	MEDICAL RESEARCH ENGINEERING
MEDD NOR SK	MEDDELELSER FRA DET NORSKE SKOGFORSOKSVESEN
MEDICINA	MEDICINA
MEDICINE	MEDICINE
MEM AM MATH	MEMOIRS OF THE AMERICAN MATHEMATICAL SOCIETY
MEM ENT S C	MEMOIRS OF THE ENTOMOLOGICAL SOCIETY OF CANADA
MEM I OSW C	MEMORIAS DO INSTITUTO OSWALDO CRUZ
MEM S R MET	MEMOIRES SCIENTIFIQUES DE LA REVUE DE METALLURGIE
MENTAL HYG	MENTAL HYGIENE
MES REG AUT	MESURES REGULATION AUTOMATISME
MESSTECHNIK	MESSTECHNIK
MET INF MED	METHODS OF INFORMATION IN MEDICINE
METABOLISM	METABOLISM
METAL CONST	METAL CONSTRUCTION AND BRITISH WELDING JOURNAL
METAL CUT	METAL CUTTINGS
METAL ENG Q	METALS ENGINEERING QUARTERLY
METAL FORM	METAL FORMING
METAL PROGR	METAL PROGRESS
METAL STAMP	METAL STAMPING
METAL TREAT	METAL TREATING
METALL	METALL
METALL ITAL	METALLURGIA ITALIANA
METALLURG T	METALLURGICAL TRANSACTIONS
METALLURGIA	METALLURGIA
METALWORK E	METALWORKING ECONOMICS
METALWORK P	METALWORKING PRODUCTION
METEOR MAG	METEOROLOGICAL MAGAZINE
METEOR RUND	METEOROLOGISCHE RUNDSCHAU
METROLOGIA	METROLOGIA
MICH MATH J	MICHIGAN MATHEMATICAL JOURNAL
MICROBIOS	MICROBIOS
MICROCHEM J	MICROCHEMICAL JOURNAL
MICROEL REL	MICROELECTRONICS AND RELIABILITY
MICROSCOPE	MICROSCOPE
MICROTECNIC	MICROTECNIC
MIKROCH ACT	MIKROCHIMICA ACTA
MILIT MED	MILITARY MEDICINE
MIN CONGR J	MINING CONGRESS JOURNAL
MIN DEPOSIT	MINERALIUM DEPOSITA
MIN FISICON	MINERVA FISICONUCLEARE. GIORNALE DI FISICA SANITARIA E PROTEZIONE CONTRO LE RADIAZIONI
MIN MET Q	MINING AND METALLURGY QUARTERLY
MIN RAD	MINERVA RADIOLOGICA
MINERAL MAG	MINERALOGICAL MAGAZINE
MISSILI	MISSILI E SPAZIO
MITT B FORS	MITTEILUNGEN DER BUNDESFORSCHUNGSANSTALT FUR FORST- UND HOLZWIRTSCHAFT
MOD PLAST	MODERN PLASTICS
MOD TREAT	MODERN TREATMENT
MOL G GENET	MOLECULAR AND GENERAL GENETICS
MOLEC CRYST	MOLECULAR CRYSTALS AND LIQUID CRYSTALS
MOLEC PHARM	MOLECULAR PHARMACOLOGY
MOLEC PHYS	MOLECULAR PHYSICS
MON S RES C	MONOGRAPHS OF THE SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT
MONATS CHEM	MONATSHEFTE FUR CHEMIE
MONATS MATH	MONATSHEFTE FUR MATHEMATIK
MONATS UNFA	MONATSSCHRIFT FUR UNFALLHEILKUNDE VERSICHERUNGS-, VERSORGUNGS- UND VERKEHRSMEDIZIN
MOSQUITO NE	MOSQUITO NEWS
MT SINAI J	MOUNT SINAI JOURNAL OF MEDICINE
MUTAT RES	MUTATION RESEARCH
MYCOLOGIA	MYCOLOGIA
MYCOP MYC A	MYCOPATHOLOGIA ET MYCOLOGIA APPLICATA, AND SUPPLEMENTUM
N ENG J MED	NEW ENGLAND JOURNAL OF MEDICINE
N-S ARCHIV	NAUNYN-SCHMIEDEBERGS ARCHIV FUR PHARMAKOLOGIE
NACHR DOKUM	NACHRICHTEN FUR DOKUMENTATION
NACHRTECH Z	NACHRICHTENTECHNISCHE ZEITSCHRIFT
NAG MATH J	NAGOYA MATHEMATICAL JOURNAL
NAT CAN I M	NATIONAL CANCER INSTITUTE MONOGRAPH
NAT I ANIM	NATIONAL INSTITUTE OF ANIMAL HEALTH QUARTERLY
NAT S INF D	NATIONAL SYMPOSIUM ON INFORMATION DISPLAY
NATURAL CAN	NATURALISTE CANADIEN
NATURE	NATURE
NATURWISSEN	NATURWISSENSCHAFTEN
NAU T INF 1	NAUCHNO-TEKHNICHESKAYA INFORMATSIYA. SERIYA 1 ORGANIZATSIYA I METODIKA INFORMATSIONNOI RABOTY
NAU T INF 2	NAUCHNO-TEKHNICHESKAYA INFORMATSIYA. SERIYA 2. INFORMATSIONNYE PROTSESSY I SISTEMY
NAV ENG J	NAVAL ENGINEERS JOURNAL
NAV RES LOG	NAVAL RESEARCH LOGISTICS QUARTERLY
NAV RES REV	NAVAL RESEARCH REVIEWS
NBS MONOGR	NATIONAL BUREAU OF STANDARDS. MONOGRAPHS
NEC RES DEV	NEC RESEARCH AND DEVELOPMENT
NEMATOLOGIC	NEMATOLOGICA
NEOPLASMA	NEOPLASMA
NEPHRON	NEPHRON
NETH MILK D	NETHERLANDS MILK AND DAIRY JOURNAL. NEDERLANDS MELK- EN ZUIVELTIJDSCHRIFT
NEURO-CHIRE	NEURO-CHIRURGIE
NEUROCHIRA	NEUROCHIRURGIA
NEUROENDOCR	NEUROENDOCRINOLOGY
NEUROLOGY	NEUROLOGY
NEUROPHARM	NEUROPHARMACOLOGY
NEUROPSYCHO	NEUROPSYCHOLOGIA
NEW PHYTOL	NEW PHYTOLOGIST
NIP KAG ZAS	NIPPON KAGAKU ZASSHI
NON-DESTR T	NON-DESTRUCTIVE TESTING
NORD VETMED	NORDISK VETERINAER MEDICIN
NORSK SKOG	NORSK SKOGINDUSTRI
NOT AM MATH	NOTICES OF THE AMERICAN MATHEMATICAL SOCIETY
NOUV RF HEM	NOUVELLE REVUE FRANCAISE D HEMATOLOGIE
NUCL APPL T	NUCLEAR APPLICATIONS AND TECHNOLOGY
NUCL ENERGY	NUCLEAR ENERGY
NUCL ENG DE	NUCLEAR ENGINEERING AND DESIGN
NUCL ENG IN	NUCLEAR ENGINEERING INTERNATIONAL
NUCL FUSION	NUCLEAR FUSION
NUCL INSTR	NUCLEAR INSTRUMENTS AND METHODS
NUCL MED	NUCLEAR-MEDIZIN. NUCLEAR MEDICINE MEDECINE NUCLEAIRE
NUCL PHYS A	NUCLEAR PHYSICS A
NUCL PHYS B	NUCLEAR PHYSICS B
NUCL SAFETY	NUCLEAR SAFETY
NUCL SCI EN	NUCLEAR SCIENCE AND ENGINEERING
NUCLEUS	NUCLEUS
NUMER MATH	NUMERISCHE MATHEMATIK
NUOV CIM A	NUOVO CIMENTO. A
NUOV CIM B	NUOVO CIMENTO. B
NUTR DIETA	NUTRITIO ET DIETA
NUTR METAB	NUTRITION AND METABOLISM
NY ST J MED	NEW YORK STATE JOURNAL OF MEDICINE
NZ J AGR	NEW ZEALAND JOURNAL OF AGRICULTURE
NZ J AGR RE	NEW ZEALAND JOURNAL OF AGRICULTURAL RESEARCH
NZ J GEOL	NEW ZEALAND JOURNAL OF GEOLOGY AND GEOPHYSICS
NZ J SCI	NEW ZEALAND JOURNAL OF SCIENCE
OBSERVATORY	OBSERVATORY
OBSTET GYN	OBSTETRICS AND GYNECOLOGY
OCEAN ENG	OCEAN ENGINEERING
OCEANOL INT	OCEANOLOGY INTERNATIONAL
OCEANOLOG R	OCEANOLOGY, USSR
OCEANS	OCEANS
OECO PLANTA	OECOLOGIA PLANTARVM
OECOLOGIA	OECOLOGIA
OIKOS	OIKOS
ONCOLOGY	ONCOLOGY
OPERAT R Q	OPERATIONAL RESEARCH QUARTERLY
OPERAT RES	OPERATIONS RESEARCH
OPHTHALMOLA	OPHTHALMOLOGICA
OPT SPECT R	OPTICS AND SPECTROSCOPY, USSR
OPTICA ACTA	OPTICA ACTA
OPTIK	OPTIK
ORAL SURG O	ORAL SURGERY, ORAL MEDICINE, AND ORAL PATHOLOGY
ORG CH RE A	ORGANOMETALLIC CHEMISTRY REVIEWS. SECTION A. SUBJECT REVIEWS
ORG CH RE B	ORGANOMETALLIC CHEMISTRY REVIEWS. SECTION B. ANNUAL SURVEYS
ORG MASS SP	ORGANIC MASS SPECTROMETRY
OSTER BOT Z	OSTERREICHISCHE BOTANISCHE ZEITSCHRIFT
OXID COMB R	OXIDATION AND COMBUSTION REVIEWS
P AC NAT S	PROCEEDINGS OF THE ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA
P AM ASS CA	PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH
P AM MATH S	PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY
P CAMB PHIL	PROCEEDINGS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY MATHEMATICAL AND PHYSICAL SCIENCES
P EDIN MATH	PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY
P EL COMP C	PROCEEDINGS. ELECTRONIC COMPONENTS CONFERENCE
P ENT S ONT	PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY OF ONTARIO
P ENT S WAS	PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY OF WASHINGTON
P GEOL AS C	PROCEEDINGS OF THE GEOLOGICAL ASSOCIATION OF CANADA
P HAWAII EN	PROCEEDINGS OF THE HAWAIIAN ENTOMOLOGICAL SOCIETY
P HELM SOC	PROCEEDINGS OF THE HELMINTHOLOGICAL SOCIETY OF WASHINGTON
P I A SCI B	PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES. SECTION B
P I CIV ENG	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS
P IEE LOND	PROCEEDINGS OF THE INSTITUTION OF ELECTRICAL ENGINEERS, LONDON
P IEEE	PROCEEDINGS OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
P JAP ACAD	PROCEEDINGS OF THE JAPAN ACADEMY
P KON NED A	PROCEEDINGS OF THE KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN. SERIES A. MATHEMATICAL SCIENCES
P KON NED B	PROCEEDINGS OF THE KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN. SERIES B. PHYSICAL SCIENCES
P KON NED C	PROCEEDINGS OF THE KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN. SERIES C. BIOLOGICAL AND MEDICAL SCIENCES
P LOND MATH	PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY
P NAS IND A	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, INDIA. SECTION A. PHYSICAL SCIENCES
P NAS IND B	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, INDIA. SECTION B. BIOLOGICAL SCIENCES
P NAS US	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA
P NUTR SOC	PROCEEDINGS OF THE NUTRITION SOCIETY
P R IR AC A	PROCEEDINGS OF THE ROYAL IRISH ACADEMY. SECTION A. MATHEMATICAL, ASTRONOMICAL, AND PHYSICAL SCIENCE
P R IR AC B	PROCEEDINGS OF THE ROYAL IRISH ACADEMY. SECTION B. BIOLOGICAL GEOLOGICAL AND CHEMICAL SCIENCE
P R VIRCH M	PROCEEDINGS OF THE RUDOLF VIRCHOW MEDICAL SOCIETY IN THE CITY OF NEW YORK
P ROY ENT A	PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. SERIES A. GENERAL ENTOMOLOGY
P ROY ENT B	PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. SERIES B. TAXONOMY
P ROY S MED	PROCEEDINGS OF THE ROYAL SOCIETY OF MEDICINE
P ROY SOC A	PROCEEDINGS OF THE ROYAL SOCIETY. LONDON. SERIES A. MATHEMATICAL AND PHYSICAL SCIENCES
P ROY SOC B	PROCEEDINGS OF THE ROYAL SOCIETY. SERIES B. BIOLOGICAL SCIENCES
P RS EDIN A	PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH. SECTION A. MATHEMATICAL AND PHYSICAL SCIENCES
P RS EDIN B	PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH. SECTION B. BIOLOGY
P SOC EXP M	PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE
P U OTAGO M	PROCEEDINGS OF THE UNIVERSITY OF OTAGO MEDICAL SCHOOL
P WEST PH S	PROCEEDINGS OF THE WESTERN PHARMACOLOGY SOCIETY
PAC INSECTS	PACIFIC INSECTS
PAC J MATH	PACIFIC JOURNAL OF MATHEMATICS
PAC SCI	PACIFIC SCIENCE
PAK J GER	PAKISTAN JOURNAL OF GERIATRICS
PALAEOGEO P	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY
PAN PAC ENT	PAN-PACIFIC ENTOMOLOGIST
PAP MET GEO	PAPERS IN METEOROLOGY AND GEOPHYSICS
PAP PUU	PAPERI JA PUU. PAPPER OCH TRA
PAP TECHNOL	PAPER TECHNOLOGY
PAPIER	PAPIER
PARASITOL	PARASITOLOGY
PATH BIOL	PATHOLOGIE ET BIOLOGIE
PATH EUROP	PATHOLOGIA EUROPAEA
PATH MICROB	PATHOLOGIA ET MICROBIOLOGIA, AND SUPPLEMENTUM
PATH VET	PATHOLOGIA VETERINARIA
PATHOLOGY	PATHOLOGY
PATT RECOG	PATTERN RECOGNITION
PCM PCE	PHOTO CHEMICAL MACHINING PHOTO CHEMICAL ETCHING
PED CLIN NA	PEDIATRIC CLINICS OF NORTH AMERICA
PEDIAT RES	PEDIATRIC RESEARCH
PEDIATRICS	PEDIATRICS
PEDOBIOLOG	PEDOBIOLOGIA
PENN PSYC Q	PENNSYLVANIA PSYCHIATRIC QUARTERLY
PER POLY CE	PERIODICA POLYTECHNICA. CHEMICAL ENGINEERING
PER POLY EE	PERIODICA POLYTECHNICA. ELECTRICAL ENGINEERING
PER POLY ME	PERIODICA POLYTECHNICA MECHANICAL ENGINEERING
PERC MOT SK	PERCEPTUAL AND MOTOR SKILLS
PERC PSYCH	PERCEPTION AND PSYCHOPHYSICS
PERS PSYCH	PERSONNEL PSYCHOLOGY
PERSONNEL	PERSONNEL
PERSP BIOL	PERSPECTIVES IN BIOLOGY AND MEDICINE
PEST CONTRO	PEST CONTROL
PEST MON J	PESTICIDES MONITORING JOURNAL
PETR CHEM R	PETROLEUM CHEMISTRY, USSR
PFLUG ARCH	PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY
PHARM ACT H	PHARMACEUTICA ACTA HELVETIAE
PHARM CH R	PHARMACEUTICAL CHEMISTRY JOURNAL USSR
PHARM PRAX	PHARMAZEUTISCHE PRAXIS, BEILAGE ZUR ZEITSCHRIFT DIE PHARMAZIE
PHARM REV	PHARMACOLOGICAL REVIEWS
PHARMACOL	PHARMACOLOGY
PHARMACOLOG	PHARMACOLOGIST
PHARMAZIE	PHARMAZIE
PHI T ROY A	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON. SERIES A. MATHEMATICAL AND PHYSICAL SCIENCES
PHI T ROY B	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON. SERIES B. BIOLOGICAL SCIENCES
PHIL RES R	PHILIPS RESEARCH REPORTS AND SUPPLEMENT
PHIL TECH R	PHILIPS TECHNICAL REVIEW
PHILOS MAG	PHILOSOPHICAL MAGAZINE
PHILOS SCI	PHILOSOPHY OF SCIENCE
PHONETICA	PHONETICA
PHOT SCI EN	PHOTOGRAPHIC SCIENCE AND ENGINEERING
PHOTOCHEM P	PHOTOCHEMISTRY AND PHOTOBIOLOGY
PHOTOGR ENG	PHOTOGRAMMETRIC ENGINEERING
PHOTOGRAMMA	PHOTOGRAMMETRIA

HE	PHOTOSYNTHETICA
AS	PHYSICS AND CHEMISTRY OF GLASSES
DS	PHYSICS OF FLUIDS
M	PHYSIK DER KONDENSIERTEN MATERIE
A	PHYSICS LETTERS
B	PHYSICS LETTERS
BI	PHYSICS IN MEDICINE AND BIOLOGY
R	PHYSICS OF METALS AND METALLOGRAPHY, USSR
EG	PHYSICA NORVEGICA
	PHYSICAL REVIEW
A	PHYSICAL REVIEW A. GENERAL PHYSICS
B	PHYSICAL REVIEW B. SOLID STATE
C	PHYSICAL REVIEW C. NUCLEAR PHYSICS
D	PHYSICAL REVIEW D. PARTICLES AND FIELDS
L	PHYSICAL REVIEW LETTERS
OL	PHYSICA STATUS SOLIDI
AY	PHYSICS TODAY
	PHYSICA
EV	PHYSIOLOGICAL REVIEWS
HAV	PHYSIOLOGY AND BEHAVIOR
HEM	PHYSIOLOGIA BOHEMOSLOVACA
EM	PHYSIOLOGICAL CHEMISTRY AND PHYSICS
ANT	PHYSIOLOGIA PLANTARUM
GET	PHYSIOLOGIE VEGETALE
OL	PHYSIOLOGICAL ZOOLOGY
M	PHYTOCHEMISTRY
	PHYTOMA
PH	PHYTOMORPHOLOGY
	PHYTON
UST	PHYTON. ANNALES REI BOTANICAE
HOL	PHYTOPATHOLOGY
J	PIPELINE AND GAS JOURNAL
PAC	PLANETARY AND SPACE SCIENCE
L P	PLANT AND CELL PHYSIOLOGY
TH	PLANT PATHOLOGY
YSL	PLANT PHYSIOLOGY
L	PLANT AND SOIL
	PLANTA
ED	PLANTA MEDICA
URG	PLASTIC AND RECONSTRUCTIVE SURGERY
HYS	PLASMA PHYSICS
LYM	PLASTICS AND POLYMERS
RLD	PLASTICS WORLD
OL-P	PNEUMONOLOGIE-PNEUMONOLOGY
OM	POINT TO POINT COMMUNICATIONS
RAD	POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE
G S	POLYMER ENGINEERING AND SCIENCE
	POLYMER
H	POSTEPY BIOCHEMII
J	POST OFFICE ELECTRICAL ENGINEERS JOURNAL
D J	POSTGRADUATE MEDICAL JOURNAL
ED	POSTGRADUATE MEDICINE
GCI	POULTRY SCIENCE
ALL	POWDER METALLURGY
H	POWDER TECHNOLOGY
G	POWER ENGINEERING
RH	PRACTICA OTO-RHINO-LARYNGOLOGICA
N	PRACTITIONER
ED	PRESSE MEDICALE AND SUPPLEMENTS
OG	PRIMATOLOGIA
IAR	PRODUITS ET PROBLEMES PHARMACEUTIQUES
ERG	PROGRESS IN ALLERGY
TUM	PROGRESS IN EXPERIMENTAL TUMOR RESEARCH
-C	PROGRESSIVE FISH-CULTURIST
SC	PROGRESS IN MATERIALS SCIENCE
GE	PROGRESS IN MEDICAL GENETICS
VI	PROGRESS IN MEDICAL VIROLOGY
AN	PROGRESS IN OCEANOGRAPHY
G	PROGRESS IN SURGERY
HYS	PROGRESS OF THEORETICAL PHYSICS
SMA	PROTOPLASMA
HEM	PRZEMYSL CHEMICZNY
AX	PSYCHOLOGISCHE PRAXIS
CL	PSYCHIATRIA CLINICA
NE	PSYCHIATRIA NEUROLOGIA NEUROCHIRURGIA
Q	PSYCHIATRIC QUARTERLY
Y	PSYCHIATRY
RE	PSYCHOANALYTIC REVIEW
AFR	PSYCHOLOGIA AFRICANA
	PSYCHOLOGICAL BULLETIN AND MONOGRAPH SUPPLEMENT
OR	PSYCHOLOGISCHE FORSCHUNG
SS	PSYCHOLOGICAL ISSUES
EC	PSYCHOLOGICAL RECORD
EP	PSYCHOLOGICAL REPORTS
EV	PSYCHOLOGICAL REVIEW
TU	PSYCHOLOGICAL STUDIES

PSYCHOL TOD	PSYCHOLOGY TODAY
PSYCHOMETRI	PSYCHOMETRIKA AND SUPPLEMENTS
PSYCHON SCI	PSYCHONOMIC SCIENCE
PSYCHOPHARM	PSYCHOPHARMACOLOGIA
PSYCHOPHYSL	PSYCHOPHYSIOLOGY
PSYCHOS MED	PSYCHOSOMATIC MEDICINE
PSYCHOSOMAT	PSYCHOSOMATICS
PSYCHOTH PS	PSYCHOTHERAPY AND PSYCHOSOMATICS
PUB AST S J	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN
PUB AST S P	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC
PUB DOM AST	PUBLICATIONS OF THE DOMINION ASTROPHYSICAL OBSERVATORY VICTORIA, B.C.
PUBL HEALTH	PUBLIC HEALTH REPORTS
PUBL ROADS	PUBLIC ROADS
PULP PAPER	PULP AND PAPER MAGAZINE OF CANADA
PUMPS	PUMPS AND THEIR APPLICATIONS
PUR A GEOPH	PURE AND APPLIED GEOPHYSICS
Q APPL MATH	QUARTERLY OF APPLIED MATHEMATICS
Q J EXP PHY	QUARTERLY JOURNAL OF EXPERIMENTAL PHYSIOLOGY AND COGNATE MEDICAL SCIENCES
Q J EXP PSY	QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY
Q J MATH	QUARTERLY JOURNAL OF MATHEMATICS
Q J MECH AP	QUARTERLY JOURNAL OF MECHANICS AND APPLIED MATHEMATICS
Q J MED	QUARTERLY JOURNAL OF MEDICINE
Q J R ASTRO	QUARTERLY JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY
Q J R METEO	QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY
Q REV BIOL	QUARTERLY REVIEW OF BIOLOGY
Q REVIEWS	QUARTERLY REVIEWS
QUAL PLANT	QUALITAS PLANTARUM ET MATERIAE VEGETABILES
RAD CLIN	RADIOLOGIA CLINICA ET BIOLOGICA
RAD CLIN NA	RADIOLOGIC CLINICS OF NORTH AMERICA
RAD DIAGN	RADIOLOGIA DIAGNOSTICA
RAD HE DATA	RADIOLOGICAL HEALTH DATA AND REPORTS
RAD RAD FIS	RADIOBIOLOGIA, RADIOTERAPIA E FISICA MEDICA
RAD RES REV	RADIATION RESEARCH REVIEWS
RADIAT BOT	RADIATION BOTANY
RADIAT RES	RADIATION RESEARCH
RADIO EL EN	RADIO AND ELECTRONIC ENGINEER
RADIO ENG R	RADIO ENGINEERING AND ELECTRONIC PHYSICS, USSR
RADIO SCI	RADIO SCIENCE
RADIOCARBON	RADIOCARBON
RADIOCH ACT	RADIOCHIMICA ACTA
RADIOLOGY	RADIOLOGY
RCA REVIEW	RCA REVIEW
REACT FUEL	REACTOR AND FUEL-PROCESSING TECHNOLOGY
REACT MATER	REACTOR MATERIALS
REACT TECH	REACTOR TECHNOLOGY
REC CHEM PR	RECORD OF CHEMICAL PROGRESS
REC TR CHIM	RECUEIL DES TRAVAUX CHIMIQUES DES PAYS-BAS
RECH AEROSP	RECHERCHE AEROSPATIALE
RECLAM ERA	RECLAMATION ERA
RECONS SURG	RECONSTRUCTION SURGERY AND TRAUMATOLOGY
REFRACTOR J	REFRACTORIES JOURNAL
REFRIG AIR	REFRIGERATION AND AIR CONDITIONING
REP ION SPA	REPORT OF IONOSPHERE AND SPACE RESEARCH IN JAPAN
REP NRL PRO	REPORT OF NRL PROGRESS
REP PR PHYS	REPORTS ON PROGRESS IN PHYSICS
RES DEVELOP	RESEARCH/DEVELOPMENT
RES MANAG	RESEARCH MANAGEMENT
RES VET SCI	RESEARCH IN VETERINARY SCIENCE
RESP PHYSL	RESPIRATION PHYSIOLOGY
RESPIRATION	RESPIRATION
REV CAN BIO	REVUE CANADIENNE DE BIOLOGIE
REV CHIM MI	REVUE DE CHIMIE MINERALE
REV EL COMM	REVIEW OF THE ELECTRICAL COMMUNICATION LABORATORY
REV ESP FIS	REVISTA ESPANOLA DE FISIOLOGIA
REV FR CLIN	REVUE FRANCAISE D ETUDES CLINIQUES ET BIOLOGIQUES
REV FR INF	REVUE FRANCAISE D INFORMATIQUE ET DE RECHERCHE OPERATIONNELLE
REV G THERM	REVUE GENERALE DE THERMIQUE
REV GEOG PH	REVUE DE GEOGRAPHIE PHYSIQUE ET DE GEOLOGIE DYNAMIQUE
REV GEOPHYS	REVIEWS OF GEOPHYSICS AND SPACE PHYSICS
REV I F PET	REVUE DE L INSTITUT FRANCAIS DU PETROLE ET ANNALES DES COMBUSTIBLES LIQUIDES
REV I I STA	REVUE DE L INSTITUT INTERNATIONAL DE STATISTIQUE. REVIEW OF THE INTERNATIONAL STATISTICAL INSTITUTE
REV IMMUNOL	REVUE D IMMUNOLOGIE
REV IMMUNOL	REVUE D IMMUNOLOGIE ET DE THERAPIE ANTIMICROBIENNE
REV IN HAUT	REVUE INTERNATIONALE DES HAUTES TEMPERATURES ET DES REFRACTAIRES
REV M PHYS	REVIEWS OF MODERN PHYSICS
REV METALL	REVUE DE METALLURGIE
REV NEUROL	REVUE NEUROLOGIQUE
REV OPTIQ	REVUE D OPTIQUE THEORIQUE ET INSTRUMENTALE
REV PA CHEM	REVIEWS OF PURE AND APPLIED CHEMISTRY
REV PALAE P	REVIEW OF PALAEOBOTANY AND PALYNOLOGY
REV PH CH J	REVIEW OF PHYSICAL CHEMISTRY OF JAPAN
REV PHYS AP	REVUE DE PHYSIQUE APPLIQUEE
REV PO QUIM	REVISTA PORTUGUESA DE QUIMICA
REV RO BIOC	REVUE ROUMAINE DE BIOCHIMIE
REV RO CHIM	REVUE ROUMAINE DE CHIMIE
REV RO PHYS	REVUE ROUMAINE DE PHYSIQUE
REV SCI INS	REVIEW OF SCIENTIFIC INSTRUMENTS
REV ZOO AGR	REVUE DE ZOOLOGIE AGRICOLE ET DE PATHOLOGIE VEGETALE
RIC MAT	RICERCHE DI MATEMATICA
RIV MED AER	RIVISTA DI MEDICINA AERONAUTICA E SPAZIALE
RIV METEO A	RIVISTA DI METEOROLOGIA AERONAUTICA
ROCZN CHEM	ROCZNIKI CHEMII
RUBBER AGE	RUBBER AGE
RURAL SOCIO	RURAL SOCIOLOGY
RUSS EN J R	RUSSIAN ENGINEERING JOURNAL, USSR
RUSS J PH R	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY, USSR
RUSS MET R	RUSSIAN METALLURGY /METALLY/ USSR
SAE J	SAE JOURNAL
SAE PR TECH	SAE PROGRESS IN TECHNOLOGY
SAE TRANS	SAE TRANSACTIONS
SAM ADV MAN	SAM ADVANCED MANAGEMENT JOURNAL
SARSIA	SARSIA
SB LEKAR	SBORNIK LEKARSKY
SC J CL INV	SCANDINAVIAN JOURNAL OF CLINICAL AND LABORATORY INVESTIGATION
SC J GASTR	SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY
SC J HAEMAT	SCANDINAVIAN JOURNAL OF HAEMATOLOGY
SC J PSYCHO	SCANDINAVIAN JOURNAL OF PSYCHOLOGY
SC J RESP D	SCANDINAVIAN JOURNAL OF RESPIRATORY DISEASES
SCH COMMUN	SCHOOL AND COMMUNITY
SCHW MED WO	SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT
SCI AM	SCIENTIFIC AMERICAN
SCI FORUM	SCIENCE FORUM
SCI HORT	SCIENTIFIC HORTICULTURE
SCI LIGHT	SCIENCE OF LIGHT
SCI PROGR	SCIENCE PROGRESS
SCI R TOH A	SCIENCE REPORTS OF THE RESEARCH INSTITUTES TOHOKU UNIVERSITY. SERIES A. PHYSICS, CHEMISTRY AND METALLURGY
SCIENCE	SCIENCE
SCIENCE J	SCIENCE JOURNAL
SCIENCE TEC	SCIENCE AND TECHNOLOGY
SCIENTIA	SCIENTIA
SCRIP MATH	SCRIPTA MATHEMATICA
SCRIP METAL	SCRIPTA METALLURGICA
SEA FRONT	SEA FRONTIERS
SEDIMENT GE	SEDIMENTARY GEOLOGY
SEDIMENTOL	SEDIMENTOLOGY
SEIKAGAKU	SEIKAGAKU
SEM HEMATOL	SEMINARS IN HEMATOLOGY
SEM PSYCHIA	SEMINARS IN PSYCHIATRY
SEM ROENTG	SEMINARS IN ROENTGENOLOGY
SEPARAT SCI	SEPARATION SCIENCE
SIAM J A MA	SIAM JOURNAL ON APPLIED MATHEMATICS
SIAM J CONT	SIAM JOURNAL ON CONTROL
SIAM J NUM	SIAM JOURNAL ON NUMERICAL ANALYSIS
SIAM REV	SIAM REVIEW
SILIKATY	SILIKATY
SIMULATION	SIMULATION
SKY TELESC	SKY AND TELESCOPE
SOAP CHEM S	SOAP AND CHEMICAL SPECIALTIES
SOC PET E J	SOCIETY OF PETROLEUM ENGINEERS JOURNAL
SOC PHO INS	SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS JOURNAL
SOC SCI LOD	SOCIETATIS SCIENTIARUM LODZIENSIS ACTA CHIMICA
SOCIAL BIOL	SOCIAL BIOLOGY
SOCIAL PSY	SOCIAL PSYCHIATRY
SOCIAL SC M	SOCIAL SCIENCE AND MEDICINE
SOIL CONS	SOIL CONSERVATION
SOIL SCI	SOIL SCIENCE
SOIL SCI SO	SOIL SCIENCE SOCIETY OF AMERICA PROCEEDINGS
SOL ST COMM	SOLID STATE COMMUNICATIONS
SOL ST ELEC	SOLID-STATE ELECTRONICS
SOL ST TECH	SOLID STATE TECHNOLOGY
SOLAR ENERG	SOLAR ENERGY
SOLAR PHYS	SOLAR PHYSICS
SOUTH MED J	SOUTHERN MEDICAL JOURNAL
SOV ASTRO R	SOVIET ASTRONOMY AJ, USSR
SOV AT EN R	SOVIET ATOMIC ENERGY, USSR
SOV J NUC R	SOVIET JOURNAL OF NUCLEAR PHYSICS USSR
SOV NEUR R	SOVIET NEUROLOGY AND PSYCHIATRY, USSR
SOV PH AC R	SOVIET PHYSICS ACOUSTICS, USSR
SOV PH CR R	SOVIET PHYSICS CRYSTALLOGRAPHY, USSR
SOV PH JE R	SOVIET PHYSICS JETP, USSR
SOV PH SE R	SOVIET PHYSICS SEMICONDUCTORS, USSR
SOV PH SS R	SOVIET PHYSICS SOLID STATE, USSR
SOV PH TP R	SOVIET PHYSICS TECHNICAL PHYSICS, USSR
SOV PH US R	SOVIET PHYSICS USPEKHI, USSR
SOV PSYCO R	SOVIET PSYCHOLOGY, USSR
SOV SOIL R	SOVIET SOIL SCIENCE, USSR
SPACE AERON	SPACE/AERONAUTICS
SPACE LIFE	SPACE LIFE SCIENCES
SPACE SCI R	SPACE SCIENCE REVIEWS
SPACEFLIGHT	SPACEFLIGHT
SPE J	SPE JOURNAL
SPECIAL LIB	SPECIAL LIBRARIES
SPECT ACT A	SPECTROCHIMICA ACTA. PART A. MOLECULAR SPECTROSCOPY
SPECT ACT B	SPECTROCHIMICA ACTA. PART B. ATOMIC SPECTROSCOPY
SPECT LETT	SPECTROSCOPY LETTERS
SPERIMENTAL	SPERIMENTALE
STAHL EISEN	STAHL UND EISEN
STAIN TECH	STAIN TECHNOLOGY
STAL R	STAL IN ENGLISH, USSR
STARKE	STARKE
STEROIDS	STEROIDS
STRAHLENTHE	STRAHLENTHERAPIE
STU CER FIZ	STUDII SI CERCETARI DE FIZICA
STUD APPL M	STUDIES IN APPLIED MATHEMATICS
STUD GEOPH	STUDIA GEOPHYSICA ET GEODAETICA
STUD MATH	STUDIA MATHEMATICA
SUGAR J	SUGAR JOURNAL
SUMITOMO SE	SUMITOMO SEARCH
SUOM KEMIST	SUOMEN KEMISTILEHTI
SUPP PR T P	SUPPLEMENT OF THE PROGRESS OF THEORETICAL PHYSICS
SURF SCI	SURFACE SCIENCE
SURG CL NA	SURGICAL CLINICS OF NORTH AMERICA
SURG GYN OB	SURGERY, GYNECOLOGY AND OBSTETRICS WITH INTERNATIONAL ABSTRACTS OF SURGERY
SURGERY	SURGERY
SVENS PAP T	SVENSK PAPPERSTIDNING
SYM BOT UPS	SYMBOLAE BOTANICAE UPSALIENSES
SYST ZOOL	SYSTEMATIC ZOOLOGY
T AM FISH S	TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY
T AM GEOPHY	TRANSACTIONS, AMERICAN GEOPHYSICAL UNION
T AM MATH S	TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY
T AM MICROS	TRANSACTIONS OF THE AMERICAN MICROSCOPICAL SOCIETY
T AM NUCL S	TRANSACTIONS OF THE AMERICAN NUCLEAR SOCIETY
T AM S ART	TRANSACTIONS, AMERICAN SOCIETY FOR ARTIFICIAL INTERNAL ORGANS
T BR BRY SO	TRANSACTIONS OF THE BRITISH BRYOLOGICAL SOCIETY
T BR CER SO	TRANSACTIONS OF THE BRITISH CERAMIC SOCIETY
T BR MYCOL	TRANSACTIONS OF THE BRITISH MYCOLOGICAL SOCIETY
T FARAD SOC	TRANSACTIONS OF THE FARADAY SOCIETY
T I CHEM EN	TRANSACTIONS OF THE INSTITUTION OF CHEMICAL ENGINEERS AND THE CHEMICAL ENGINEER
T IRON ST I	TRANSACTIONS OF THE IRON AND STEEL INSTITUTE OF JAPAN
T JAP I MET	TRANSACTIONS OF THE JAPAN INSTITUTE OF METALS
T MET S AIM	TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME
T NY AC SCI	TRANSACTIONS OF THE NEW YORK ACADEMY OF SCIENCES
T ROY ENT S	TRANSACTIONS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON
T ROY SOC C	TRANSACTIONS OF THE ROYAL SOCIETY OF CANADA
T RS NZ BOT	TRANSACTIONS OF THE ROYAL SOCIETY OF NEW ZEALAND. BOTANY
T RS NZ GEN	TRANSACTIONS OF THE ROYAL SOCIETY OF NEW ZEALAND. GENERAL
T RS NZ GEO	TRANSACTIONS OF THE ROYAL SOCIETY OF NEW ZEALAND. GEOLOGY
T RS NZ ZOO	TRANSACTIONS OF THE ROYAL SOCIETY OF NEW ZEALAND. ZOOLOGY
T RS S AFR	TRANSACTIONS OF THE ROYAL SOCIETY OF SOUTH AFRICA
T RS TROP M	TRANSACTIONS OF THE ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE
T WISC AC	TRANSACTIONS OF THE WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS
TALANTA	TALANTA
TAPPI	TAPPI
TASM J AGR	TASMANIAN JOURNAL OF AGRICULTURE
TEC INF C A	TECHNICAL INFORMATION CENTER ADMINISTRATION
TEC MIT K F	TECHNISCHE MITTEILUNGEN KRUPP. FORSCHUNGSBERICHTE
TEC MIT K W	TECHNISCHE MITTEILUNGEN KRUPP. WERKSBERICHTE
TECHNOL REV	TECHNOLOGY REVIEW

TECHNOMET	TECHNOMETRICS
TECTONOPHYS	TECTONOPHYSICS
TEL RAD E R	TELECOMMUNICATIONS AND RADIO ENGINEERING, USSR
TELECOMM J	TELECOMMUNICATION JOURNAL
TELLUS	TELLUS
TENSOR	TENSOR
TERATOLOGY	TERATOLOGY
TETRAHEDR L	TETRAHEDRON LETTERS
TETRAHEDRON	TETRAHEDRON
TEX REP BIO	TEXAS REPORTS BIOLOGY AND MEDICINE AND SUPPLEMENT
TEXAS J SCI	TEXAS JOURNAL OF SCIENCE
TEXT I IND	TEXTILE INSTITUTE AND INDUSTRY
TEXT RES J	TEXTILE RESEARCH JOURNAL
TEXTILVERED	TEXTILVEREDLUNG
THEOR A GEN	THEORETICAL AND APPLIED GENETICS
THEOR CHIM	THEORETICA CHIMICA ACTA
THEOR PRO R	THEORY OF PROBABILITY AND ITS APPLICATIONS, USSR
THERM ENG R	THERMAL ENGINEERING, USSR
THIN FILMS	THIN FILMS
THIN SOL FI	THIN SOLID FILMS
THORAX	THORAX
THROMB DIAT	THROMBOSIS ET DIATHESIS HAEMORRHAGICA
TID KJEM BE	TIDSSKRIFT FOR KJEMI, BERGVESEN OG METALLURGI
TOH J EX ME	TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE
TOP PR PSYC	TOPICAL PROBLEMS OF PSYCHOTHERAPY
TOX APPL PH	TOXICOLOGY AND APPLIED PHARMACOLOGY
TOXICON	TOXICON
TRAFFIC Q	TRAFFIC QUARTERLY
TRANSFUSION	TRANSFUSION
TRANSP RES	TRANSPORTATION RESEARCH
TRANSPLAN P	TRANSPLANTATION PROCEEDINGS
TRANSPLANT	TRANSPLANTATION
TRAV HUMAIN	TRAVAIL HUMAIN
TROP AGR	TROPICAL AGRICULTURE
TROP GEO ME	TROPICAL AND GEOGRAPHICAL MEDICINE
TROP SCI	TROPICAL SCIENCE
TUMORI	TUMORI
TURRIALBA	TURRIALBA
UKR KHIM ZH	UKRAINSKII KHIMICHESKII ZHURNAL
ULTRASONICS	ULTRASONICS
UN MED CAN	UNION MEDICALE DU CANADA
UNESCO B LI	UNESCO BULLETIN FOR LIBRARIES
UROL INTERN	UROLOGIA INTERNATIONALIS
UROLOGE	UROLOGE
USBSFW R	UNITED STATES BUREAU OF SPORT FISHERIES AND WILDLIFE. RESEARCH REPORT
USFW FISH B	UNITED STATES FISH AND WILDLIFE SERVICE. FISHERY BULLETIN
V MOSK U KH	VESTNIK MOSKOVSKOGO UNIVERSITETA SERIYA KHIMIYA
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citation indexing, historio-bibliography, and the sociology of science

By Eugene Garfield, Ph.D., President
Institute for Scientific Information

It is indeed an honor to have been asked by the Scientific Committee to replace my friend and colleague, Professor Derek de Solla Price, as the speaker on this occasion. I gladly accepted the challenge, but I cannot provide his unique blend of wit, humor, and scholarship. Both Professor Price and Professor Robert K. Merton serve on the Advisory Board of the *Science Citation Index* as representatives of the 'Scientists of Science' — the name for a new breed of sociometrist concerned with the historical, sociological, economic, and behavioral study of science and scientists.

In contrast to Price who has 'turned' from history to bibliography, or Merton who has similarly 'turned' from sociology to find gold in the hills of bibliotopia, I am the bibliographer turned historiographer and sociometrist. I, therefore, will not display the 'traditional' scholarship of the medical historian who has painstakingly examined each and every relevant ancient manuscript pertinent to his chosen field.

Indeed, my objective is to show that so-called traditional scholarship is an exercise that is 80% drudgery and 20% intellectuality. To write history, today as in the past, one must be capable of martyr-like perseverance. It is a back-breaking chore to identify and obtain suitable library materials. One of my library professors at Columbia University once said that the availability of a comprehensive citation index would probably abort 90% of the dissertations in the humanities and social sciences. My purpose is to show that he was correct to the extent that many dissertations are awarded as a sign of completing the monastic sentence of years of toil in the stacks of libraries.

When I agreed to speak, I wrote the Secretary-General that I would use the occasion to report to the medical library profession certain basic ideas I had first reported three years ago at the Symposium on the Foundations of Access to Knowledge (Garfield, 1968) in a paper entitled '"World Brain" or "Memex?" Mechanical and intellectual requirements for universal bibliographic control'. In spite of the essential novelty of these ideas for most of you, I could not, however, in clear conscience merely paraphrase or parrot material that is three years old. This would be disrespectful to the importance of such an international conclave. I will, therefore, limit my initial remarks to a brief presentation of the basic notions involved in comparing primordial citations, subject indexing, and historio-bibliography. I will then present some interesting new data generated since my first public discussion of primordial citations. Not the least of this is a list of the 50 most frequently cited journal articles and a recently compiled history of DNA updated since I first reported the history of the genetic code using citation analysis (Garfield *et al.*, 1964).

The appearance of the first 'experimental' *Science Citation Index* in 1963 created a mild furor in the literature. Not all the reviews were unfriendly: Professor Steinbach (1964), using a group of graduate students to help him review the *SCI*, said in *Science*:

> *Any real evaluation of* Science Citation Index *must be based on an extensive use test, and there has not been time for that. Most of us are accustomed to literature searches*

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that begin with a subject. This, of course, presents real problems if one wishes complete coverage of the subject, because subject matter indexes are no better than the choice of words indexed. However, we are used to them — like an old shoe, they are comfortable.

On the other hand, a number of so-called reviews were in fact emotional and fearful responses to something quite different on the bibliographical scene — like a pair of new shoes. Most scientists and librarians, although working together on the frontiers of knowledge, are basically conservative. They are, after all, only human — and so am I. I can justify my own immodesty by referring to Professor Merton's recent AAAS paper (1969) in which he states that a scientist need not hide his vanity because it is quite healthy. The negative acclaim the *SCI* received by experts such as Cleverdon (1964) only convinced me that the *SCI* would be recognized as a milestone in medical and scientific bibliography. Like the savants of the last century who proved that airplanes could not fly, citation indexes *should* not work. But they do! This is not to say that there is not plenty of room for improvement. I find it hard to predict what the supersonic version will be. Possibly the major contribution of the *SCI* is that it contains a truly up-to-date calendar year author index — the *Source Index*. The *Source Index* is valuable not only in the process of citation verification and search by author, but will eventually become the means for correcting thousands of author-introduced citation errors that plague librarians every day.

A major semantic difficulty in discussing library systems is caused by the practice among librarians and others, particularly physicians and engineers, of lumping together two distinct problems of information retrieval — *information recovery* and *information discovery* (Garfield, 1966). Most scientists use author catalogs to find books they know exist. This I call information recovery. In this sense, the English word 'retrieval' is similar to the French word *retrouver* 'to find again'. Scientists rarely use subject catalogs to *recover* books. Many librarians have, therefore, justifiably asked why we spend so much money creating them (Gore, 1966). On the other hand, it is known that scientists do make use of periodical indexes. Subject indexes facilitate the process of information discovery — finding what is not known at the outset to exist. When the *Science Citation Index* entered the bibliographic scene, it added another means for accelerating information discovery. It is no surprise that the *SCI* appealed, at first, primarily to the adventuresome scholar who uses all sorts of serendipitous devices (Lederberg, 1959; Smith, 1964; Stonehill, 1965). This type of man is usually glad to discover the unexpected.

At first the librarian found *SCI* somewhat alien. Not only does a page of the *Citation Index* look strange (it could not have been otherwise), but the results of a search often seem equally strange. One cannot evaluate the results of many *SCI* discovery searches in exactly the same way that one can evaluate the traditional tool for information recovery. In retrospect, therefore, it is equally understandable that one of the major uses by librarians of the *Citation Index*, for which it was not designed, is citation verification. The intuition of the medical librarian on this is justified. In the seven years for which we now have citation indexes, an incredibly large percentage of the *entire* medical literature has been cited. There is a high but varying probability that, depending upon the year in which the paper was published, the citation one is attempting to verify will be found in the *SCI*. Of 2,000,000 items cited in 1968 *alone*, about 25% or half a million were published in 1966 and 1967. This would account for a very substantial percentage of the items indexed in *Index Medicus*, *Chemical Abstracts*, *Biological Abstracts*, and *Excerpta Medica* combined. More importantly, it is as a tool for information discovery that the *Citation Index* section of the *SCI* must be evaluated. Regrettably, we do not have any established criteria for such measurement. Just as beauty is said to be in the eyes of the beholder, relevance is a quite subjective variable for the bibliographic explorer. What is relevant to one investigator is irrelevant to another.

One can develop methods for studying the overall retrieval effectiveness of the *SCI* and other indexes in well-defined search topics. For an extensive literature search on Thalidomide, Spencer (1967) compared the time of search with *SCI* to *Chemical Abstracts* and *Index Medicus*. Though favorable to *SCI*, such studies, however, have not revealed *why* the *SCI*, depending upon the circumstances, may or may not be very effective at all. Of course, we can conduct user evaluations in which users express general satisfaction or dissatisfaction, but this does not necessarily help us understand the fundamental conceptual problem of subject analysis.

To understand what is being retrieved in an *SCI* search, we have to recognize the underlying concept which is merely symbolized by a bibliographic citation. As librarians, our traditional concept of a 'subject' is so ingrained that we fail to realize that a word is merely a symbol for a concept. Chemists fall into the same trap and often forget that a chemical formula is only symbolic of the 'real' thing. Words, formulas, and citations are approximations. Furthermore, semanticists know that no two occurrences of the same word or symbol are identical. A subject heading or a key word functions as an approximation which is usually about one order of magnitude less specific than the approximation made by using a bibliographic citation as an indexing term. Citation indexing is not only 'in-depth' indexing as contrasted to the 'in-breadth' indexing of permuterm indexes, but the type of unique specificity the citation index provides is, at times, alarming to the traditional searcher. Indeed, a completely negative result in searching the indexes for current references to a particular paper or book may be exactly what the user expects or wants. Unfortunately, we have no standard of comparison for evaluating indexing systems in this respect.

To evaluate the specificity of citation indexing, one must translate a citation search question from the language of the citation index into the language of the word index. This is not easy, but when the attempt is made one recognizes that, as an indexing language, citation indexing also exhibits the characteristics of other indexing languages. For example, the *see* references and *see also* references contained in a typical controlled thesaurus can also be incorporated into citation indexes. As we will see later, in order to bridge the gap between the two indexing languages, I developed the concept of the primordial term — including primordial citations and primordial words.

One might ask why the term 'key citation', by analogy to 'key word', was not chosen. When I first used the noun phrase 'primordial citation' (Garfield, 1968), it was my intention that we design a dictionary of key citations. The dictionary would enable the librarian or student to make the transition from the symbolism of words

RANK	TOTAL TIMES CITED	AUTHOR	JOURNAL	VOL	PAGE	YEAR
1	2383	LOWRY OH	J BIOL CHEM	193	265	51
2	664	REYNOLDS ES	J CELL BIOL	17	208	63
3	561	LUFT JH	J BIOPHYS BIOCHEM CY	9	409	61
4	516	FISKE CH	J BIOL CHEM	66	375	25
5	457	FOLCH J	J BIOL CHEM	226	497	57
6	456	BRAY GA	ANAL BIOCHEM	1	279	60
7	389	SABATINI DD	J CELL BIOL	17	19	63
8	381	SPACKMAN DH	ANAL CHEM	30	1190	58
9	364	GORNALL AG	J BIOL CHEM	177	751	49
10	333	LINEWEAVER H	J AMER CHEM SOC	56	658	34
11	286	BURTON K	BIOCHEM J	62	315	56
12	275	DUNCAN DB	BIOMETRICS	11	1	55
13	274	SCHEIDEGGER JJ	INT ARCH ALLERGY APP	7	103	55
14	241	DOLE VP	J CLIN INVEST	35	150	56
15	225	DAVIS BJ	ANN NY ACAD SCI	121	404	64
16	223	NELSON N	J BIOL CHEM	153	375	44
17	223	REED LJ	AMER J HYG	27	483	38
18	218	MOORHEAD PS	EXP CELL RES	20	613	60
19	217	MARMUR J	J MOL BIOL	3	208	61
20	207	JACOB F	J MOL BIOL	3	318	61
21	203	WATSON ML	J BIOPHYS BIOCHEM CY	4	475	58
22	197	PALADE GE	J EXP MED	95	285	52
23	182	KARNOVSKY MJ	J BIOPHYS BIOCHEM CY	11	729	61
24	182	MARTIN RG	J BIOL CHEM	236	1372	61
25	175	SMITHIES O	BIOCHEM J	61	629	55
26	163	BARTLETT GR	J BIOL CHEM	234	466	59
27	162	BARKER SB	J BIOL CHEM	138	535	41
28	160	EAGLE H	SCIENCE	130	432	59
29	156	ROSENFELD AH	REV MOD PHYS	39	1	67
30	156	GELLMANN M	PHYS REV	125	1067	62
31	153	TREVELYAN WE	NATURE LOND	166	444	50
32	140	WARREN L	J BIOL CHEM	234	1971	59
33	140	ANDREWS P	BIOCHEM J	91	222	64
34	139	MONOD J	J MOL BIOL	12	88	65
35	136	SCHMIDT G	J BIOL CHEM	161	83	45
36	134	BARDEEN J	PHYS REV	108	1175	57
37	134	DEDUVE C	BIOCHEM J	60	604	55
38	131	KARPLUS M	J CHEM PHYS	30	11	59
39	131	AHLQUIST RP	AM J PHYSIOL	153	586	48
40	130	DUBOIS M	ANAL CHEM	28	350	56
41	128	ELLMAN GL	ARCH BIOCHEM BIOPHYS	82	70	59
42	125	WARBURG O	BIOCHEM Z	310	384	41
43	125	GELLMANN M	PHYSICS	1	63	64
44	124	MANDELL JD	ANAL BIOCHEM	1	66	60
45	123	DOLE VP	J BIOL CHEM	235	2595	60
46	122	LITCHFIELD JT	J PHARMAC EXP THER	96	99	49
47	122	MILLONIG G	J APPL PHYSICS	32	1637	61
48	119	FRIEDEMANN TE	J BIOL CHEM	147	415	43
49	119	MOORE S	J BIOL CHEM	211	907	54
50	119	JAFFE HH	CHEM REV	53	191	53

Fig. 1. Fifty most cited articles for 1967, ranked according to total times cited. (Refer to Appendix A)

to the symbolism of citations. Ordinarily, the subject expert does not require this assistance. The dictionary of key citations, however, soon became the *dictionary of primordial citations* for several reasons which are discussed below. But first I wish to note that a major portion of the work on this dictionary has now been completed as we have thus far compiled lists of the 20,000 most frequently cited papers for a five-year period. In Fig. 1, I have provided the list of 50 papers most frequently cited in the scientific literature during 1967. (See Appendix A for the titles of these papers.) Although I will not comment in detail on each paper, I do want to point out that many of these particular papers are methodological. In retrospect, one *expects* that such method papers will be frequently cited, but it comes as a surprise that they predominate so strongly. Furthermore, the *age* of these papers is even more dramatic, illustrating how today's research still depends upon methods and theories developed in previous generations. While examining the list of 'super-classics', as Professor Price (1965) would call them, one notices that the theoretical and other fundamental discovery papers also appear on the list. As we will see later, papers like these can be identified with the key events in the history of science or medicine. The predominance of biologically-oriented papers in contrast to those in the physical sciences is, of course, not a measure of the relative 'importance', social or otherwise, of molecular biology as contrasted to solid state physics. It probably simply reflects the quantitative differences in and character of publication in these areas.

But why is it not possible to construct a dictionary of *key* citations? Why a dictionary of *primordial* citations? We can, of course, in many cases associate a key word with a key paper. The neologism 'euphenics', first used by Lederberg in 1963, can, of course, be used as a cross-reference to that paper. The underlying *concept* of euphenics, however, was known long before that time.

Many primordial citations identify key medical discoveries although, at the time of the discovery, an appropriate nomenclature was not even available. Consider the classical case of diabetes and the discovery of insulin by Banting and Best (Fig. 2).

A. Banting, F. G. and Best, C. H. (1922), Pancreatic extracts. *J. Lab. clin. Med.*, 7, 464.

B. Banting, F. G. (1925), Nobel Prize Lecture.

C. Banting, F. G., Best, C. H. and MacLeod, J. J. R. (1922), The internal secretion of the pancreas. *Amer. J. Physiol.*, 59, 479.

D. Banting, F. G. and Best, C. H. (1922), The internal secretion of the pancreas. *J. Lab. clin. Med.*, 7, 251.

E. Banting, F. G., Best, C. H., Collip, J. B., MacLeod, J. J. R. and Noble, E. C. (1922), The effect of pancreatic extract (insulin) on normal rabbits. *Amer. J. Physiol.*, 62, 162.

F. Banting, F. G., Best, C. H., Collip, J. B., MacLeod, J. J. R. and Noble, E. C. (1922), The effects of insulin on experimental hyperglycemia in rabbits. *Amer. J. Physiol.*, 62, 559.

G. Banting, F. G., Best, C. H., Collip, J. B., Campbell, W. R. and Fletcher, A. A. (1922), Pancreatic extracts in the treatment of diabetes mellitus, *Canad. med. Ass. J.*, 12, 141.

H. Schmidt, J. E. (1959), *Medical Discoveries (Who and When)*, p. 237. Thomas, Springfield, Ill.

I. Skinner, H. A. (1961), *The Origin of Medical Terms*, p. 228. Williams and Wilkins, Baltimore.

J. DeMeyer, J. (1908), Glycolyse, hyperglycemic, glycosuric et diabete. *J. Méd. Brux.*, 13, 778.

K. Best, C. H. (1960), Epochs in the history of diabetes. In: R. H. Williams (Ed), *Diabetes*, p. 1. Harper and Row, New York.

L. Best, C. H. (1963), In: C. H. Best (Ed) *Selected Papers of Charles H. Best.* Univ. of Toronto Press, Toronto.

Fig. 2. Bibliography on insulin (Banting and Best).

The association between diabetes mellitus and pancreatic defect was known for nearly 30 years prior to the discovery of insulin. In a historical review (A), Banting and Best refer to an early success by George Ludwig Zuelzer, a German physician who isolated a crude pancreatic extract in 1908. This Zuelzer used to treat diabetes in several patients and some improvement was noted. Unpredictable side reactions and failure by others led to abandonment of this treatment. Until then diabetic control had been limited to carbohydrate deprivation. The dietetic approach eventually produced starvation, overwhelming infection, coma, and death. As shown in Fig. 2, the first hint of their historic discovery, according to Banting's Nobel Prize lecture (B), appears in the December 1921 *Proceedings of the American Physiological Society*. This report was later abstracted and expanded in two journal articles in 1922 (C, D) under the title 'Internal secretion of the pancreas'. The word 'insulin' was not used. In another research paper (E) which followed, however, the word 'insulin' does appear in the title but in parenthesis after the expression 'pancreatic extract'. In a research paper subsequently published (F), the word 'insulin' is used and 'pancreatic extract' is omitted.

Banting and Best do not give their reason for coining the word. The point I wish to stress is that the first case report of the clinical use of insulin which is often cited as a classic (G) did *not* contain the word 'insulin'.*

'Insulin' first appears as a main index word in the 1923 2nd Quarter *Index Medicus*.

* In extensively reviewing medical histories, Best's memoirs, etc. (K, L), my colleague, Dr.

Gene Joslin mentions a 1921 notebook of Best in which the word 'isletin' is used and that Banting and Best used the word 'insulin' orally two months after publication of the classical 1922 paper published in the *Canadian Medical Association Journal.*

The important point I am trying to stress in this typical example of what structural linguists call the process of *analogous linguistic change* is that primordial citations must be distinguished from primordial words. Only an *a posteriori* intellectual effort can clearly identify what might then be called a 'key' citation. For any student who wants a quick identification of the classical paper on the clinical use of insulin mentioned above, *The Dictionary of Primordial Citations* will be extremely useful. The reverse may also be true. The paper or book with which a concept may become identified may appear many years after the term is in vogue or being heavily used. In fact, many times no clearly identifiable citation is associated with the word. As any etymologist knows, to identify the first occurrence of a word or phrase is no small task; and each particular subsequent use, whether in lay usage or in scientific usage, is only a shade different than the previous use.

To amplify the difficulties in correlating complex concepts with traditionally word-structured indexing languages, consider the concept 'protein determination by the Folin phenol reagent', sometimes referred to as the 'Lowry method'. In Fig. 1, we saw that this was first reported in 1951 and the paper is the most frequently cited work in the 1967 literature. No term for it exists in the *Medical Subject Headings List* (MeSH) of *Index Medicus*. The symbol **Lowry 1951 JBC,** however, adequately identifies the concept. The symbol **Lowry 1951, JBC vol. 193, p. 265** also identifies its exact address! Unquestionably, *Index Medicus* does provide for indexing papers on protein determination methods, but that is a vastly more generic concept than the Lowry method or derivates thereof.

Perhaps this does not seem particularly important in a medical index, but does it seem unreasonable that a researcher might ask for papers in which the Lowry method has been employed in cancer research? From the number of papers on this topic alone, one must conclude that the depth of indexing this implies is necessary, and further, we must find ways to bridge the gap between citation indexes and word indexes. *The Dictionary of Primordial Citations* can help resolve some of these problems, but must be limited to those citations which by definition have become classics. We can only hope to develop the word synonyms or equivalents for each of about 20,000 of the most frequently cited papers each year — about 1% of all the papers that are cited. Should we attempt to establish key or primordial citations for those older words or word phrases which occur most frequently? Clearly, this is an entirely different and possibly futile exercise. Frequency of word usage in scientific titles or traditional indexing languages is not going to provide a necessarily useful approach to the current literature. The historian would have great interest in knowing the primordial citations for words like 'cancer', 'liver', etc., but the searcher interested in some specialized aspect of cancer or liver research would not be aided significantly by such devices. In any case, extremely useful by-products can be obtained from large-scale word-frequency analyses. Before discussing these, let me cite a current example which illustrates why citation language is essential to current information retrieval.

Suppose that a physician comes to your library and requests current information on the 'Chinese Restaurant Syndrome'. This might seem like a jest, but in fact just last year it was discussed in the *New England Journal of Medicine* (Schaumburg *et al.*, 1968) and later in *Science* (Schaumburg *et al.*, 1969). The topic has also been discussed recently in the *New Scientist* under the dubious heading of 'Kwok's disease' (Chedd, 1969). These reference citations will continue to be useful citation index headings to help scientists retrieve information on this topic. But how will the medical librarian bridge the gap between the terms 'CRS' or 'Kwok's disease' and these primordial citations? We were acutely conscious of this gap between the indexing language of the citation index and the natural language of science when we introduced the concept of permuterm indexing.

The *Permuterm Subject Index* section of the *SCI*, which is still relatively unknown to many medical librarians, is based upon title words. *PSI* is obviously related to the Key-Word-in-Context (KWIC) index which has become so widely known through its use in *Biological Abstracts* and *Chemical Titles* (Luhn, 1959). Since KWIC and KWOC — or Key-Word-Out-of-Context index, not to be confused with Kwok's disease — are both title-derived, there are certain similarities between them and *PSI*. Their differences, however, are equally significant.

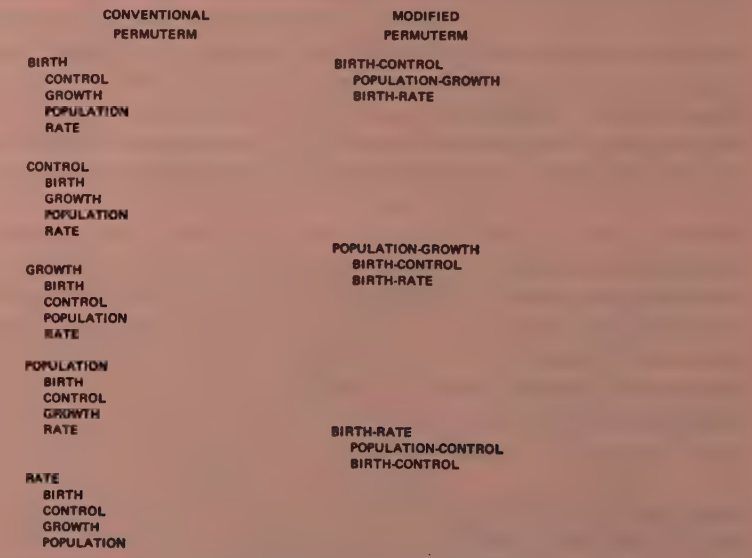

Fig. 3. Permuterm indexing of 'Control of population growth and birthrate'.

Richard Torpie of Hahnemann Medical College was unable to find mention of the decision to use the word 'insulin'. Schmidt (H), however, ascribes to Jean de Meyer, a French physiologist, the term *insuline*, *circa* 1909. Skinner (I) reminds us that the word 'insulin' is a derivative of the Latin *insula* 'island'. Of course, the active ingredient is derived from the Islands or Islets of Langerhans of the pancreas. De Meyer states that it was Schaefer who presupposed in 1913 that the Islands of Langerhans were responsible for the active principle long before the extract was obtained. Banting, Best, and MacLeod isolated the substance in Toronto in 1921 and used the name 'insulin' for their extract. We could not locate any article by Schaefer; de Meyer, however, did write on the subject of diabetes (J). Of significance, too, is the methodical citation by Banting and Best of Langerhans' discovery in all their early work.

pairs have been identified. This procedure resolves the problem of conjunctive phrases in which one finds expressions such as 'control of population growth and birth rate'. By the procedure I have just described, such an article will be indexed under **birth-control, birth-rate, population-growth,** etc., whereas previously, the primary terms would be **birth, control, growth, rate.** In other words, the computer first examines the twenty word pairs created by permutation and replaces the single-term entries by the hyphenated expressions once it is determined that the word pair occurs above a given threshold.

Fig. 3 shows the indexing terms which would result from the second procedure, depending upon the statistics one might find for a particular file of information. All high-frequency term pairs would be cross-referenced to the appropriate term since they now function as primary terms. Thus, **control-growth** would be cross-referenced to **birth-control.** All such studies, of course, accentuate the advantages that may be derived from pre-edit and post-edit procedures by human editors who can perform the important indexing function of suppressing useless indexing entries. Using procedures of this kind, in the future, monitoring the changing literature of science and medicine will be possible by whatever quantitative criteria one wishes to select. One can establish useful word phrases without resorting to human editing procedures.

It is essential to keep in mind that the deliberate purpose of the *Permuterm Index*, and indeed most co-ordinate indexing systems, is to direct the reader quickly to a small set of references. Whenever the reader finds more than ten articles indexed under a given primary term, we must provide him further means of refining his search. It should also be remembered that the *PSI* was expressly designed to augment the *Citation Index*, to foster information *recovery* for a partially remembered title when a key word is known but not a citation.

In a similar fashion, we have established that the occurrence of a given reference citation 15 or more times in a given year clearly identifies a *putative* primordial term which should be characterized in natural-language terms for our *Dictionary of Primordial Citations*. We must realize that this is a constantly changing task. The Banting and Best paper on pancreatic extract mentioned earlier would be sought under the term **insulin.** The searcher wants mechanisms for quickly identifying reasonable numbers of references in a reasonable time. Dictionaries or thesauri based on these frequency analyses appear to be reasonable objectives. Of course, this can also be done with a controlled authority list like MeSH. But changes in MeSH result from analysis of indexing practices rather than analysis of the terminology occurring in the medical literature. There is no reason, however, why the two approaches cannot eventually be reconciled.

I would now like to turn from the theory of bibliographic symbols to the field of historio-bibliography. If I may paraphrase a great American, Dr. Martin Luther King, I have a dream. In Wellsian terms, this dream was symbolized as *World Brain* and by Vannevar Bush (1945) as *Memex*. Unlike Mr. Wells, I hope to see *my* dream become a reality while I am still among you.

In the first part of my presentation, I discussed the primordial term as it related to the traditional problem of subject analysis of library materials. At least one major significant by-product is attached to the use of primordial citations, which in this

In the *Permuterm Index* every significant title word is *permuted*, not merely rotated as in KWIC, to produce all possible pairs of terms. Thus, approximately $n(n\text{-}1)$ term pairs are created by this procedure. In a title containing six significant words, thirty pairs are created; for five terms, twenty pairs are created.

In very recent work we have developed modified permuterm computer programs which automatically or algorithmically generate 'logical' subdivisions in an index. This approach, like our studies of citation frequency, is based on purely quantitative measures of word co-occurrences. These frequency analyses establish *semantically* useful word phrases and word pairs. Such analyses should not be confused with textual word-frequency studies. We have recently completed a statistical analysis of several million word and word-phrase occurrences for the 300,000 titles appearing in the 1967 *SCI Source Index*. These titles are the initial input for the *Permuterm Subject Index*.

It is important to observe that when one seeks information on a highly specific topic, it makes very little difference, except for *format* considerations, whether or not he uses a KWIC or a permuterm index. If only one or two articles are identified in any system, then one can quickly scan the article title. Most scientists *reject* KWIC indexes precisely on the grounds of format. Secondly, and more importantly, when one searches a subject for which there are dozens of articles, one needs subdivisions to narrow the search to a few pertinent items. This is largely achieved in the format of the *PSI*. But the pure permutation of significant title words does not contend with the peculiar word or noun-phrase constructions of the English language. This is sometimes aggravated by omission of punctuation marks. Thus, consider the importance of the comma in the sentence, 'Doctor X, while distilling alcohol, was consumed'. Contrast this to 'Doctor X, while distilling, consumed alcohol' and 'Doctor X consumed distilling alcohol'. 'Distilling' and 'distilling alcohol' are quite distinct semantic concepts and ideally one wishes to preserve such distinctions. In an index one may sacrifice such distinctions to increase overall retrieval effectiveness and indexing economy.

How exciting to find that, by large-scale statistical analysis, the frequency of such unwanted co-occurrences is limited to an extremely small number. If one establishes a minimum threshold of co-occurrence, then legitimate word phrases are identified. If two consecutive words occur in titles x or more times, then that word pair has been established as a legitimate word phrase. Thus, while 'distilling alcohol' might in fact occur only once or twice, *if* the sequence *did* occur ten times, it would prove to be a useful primary indexing term! This seemingly innocuous discovery has great significance for the efficient design of indexes, since we can now reduce the number of permutations while *increasing* retrieval speed and specificity.

Consider the indexing of 'Control of population growth and birthrate' (Fig. 3). Whereas a concept like 'birth control' would appear as two primary terms by pure and simple permutation, the procedure described above *automatically* indexes this title under **birth-control.** Unfortunately, the procedure is not all that simple because we do not wish to separate the term 'birth-control' from 'control-of-birth'. It is precisely with this in mind that one must perform the frequency analyses after the permutation process and then reassign the indexing terms once the appropriate word

respect differ from their counterpart, primordial words. Bibliographic citations, as we have seen, not only identify or symbolize subject matter, but as 'addresses', citations contain chronological information which permit one to easily arrange them. When this is done, one has a crude history of the development of a subject. This is not new. Retrospective bibliographies have been arranged in chronological order for quite some time. But now, let us see what happens when we use, not merely the citations which identify the source documents, but also the reference citations. In Fig. 4, I have drawn a circle for each citation shown in a bibliography on staining of nucleic acids, and given each one an accession number. Unlike a traditional bibliography, the set of 15 source citations is drawn in a network diagram in which the lines with arrows

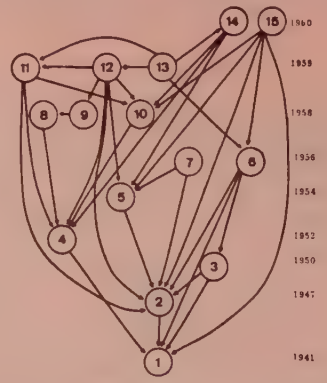

Fig. 4. Citation network of articles on nucleic acids. Citation relationships illustrated by network of 15 papers from a bibliography on nucleic acid staining.

indicate that, for example, paper 13 has cited paper 6. Anyone can create such a diagram for a simple network and I always make my students at the University of Pennsylvania do this when they compile a bibliography. When the number of source documents in the network becomes quite large, however, one can run into considerable difficulty in simply portraying this information. In a recent paper we have shown how these problems of display can be overcome (Garfield and Sher, 1967; *see also* Garfield and Malin, 1969). It is not my intention or purpose to digress to this interesting problem. The important point I wish to stress is that we have available a means for displaying citation networks without human intervention.

What is the significance of all this for the medical historian and bibliographer? It means that, in the near future, the compilation of bibliographies will be inseparable from writing the history of that field. A scholar will be able to sit before his computer console and he will specify some starting point — a person, a word, a citation, a place. Given a particular word or document, he will then ask the computer to display a list of pertinent papers. Then the computer will draw or display for him a historical road map which will show him not merely the list of papers and books, but also a graphical approximation or detailed history of that subject. In an earlier paper (Garfield *et al.*, 1964), we simulated this process by reconstructing the recent history of the genetic code by a process of citation analysis. At that time we traced the history up to the time of Nirenberg's now classical paper.

It is difficult to comprehend how hard it is to display such information until one tries to draw the *complete* diagram of any given field. But again, frequency analysis simplifies the problem; with certain exceptions we can eliminate anything from the overall network which does not satisfy a given critical threshold of citation linkage, and place it *temporarily* in a computer storage area. When we wish to examine the particular period in history more closely, we can do so by zooming in, and then, as historians, try to understand what significance, if any, some of the many uncited papers may have. We know, in fact, that probably 10% or more of the literature is never cited again once it is published — possibly a measure of the redundancy necessary to insure that any average paper does, in fact, get into the general stream of things (Price, 1965).

The recent history of DNA was reconstructed by vastly more simple procedures than that which we employed to do the early history of the genetic code. The basic assumption was simple: given a list of the recent papers on the topic, about 30 or 40 published in 1967 and cited in a single review or found in a straightforward literature search, the bibliographies of all the 1967 papers were examined and a master list compiled. Since several hundred papers were cited, all were eliminated which were cited only once. By a process of iteration, the next group of cited references to be eliminated were those cited only twice, etc. Eventually, this led to the list of papers shown in Fig. 5, each of which was cited five or more times. Subsequently, the list of papers was checked in the 1967 *Science Citation Index* and we attained a further verification of the significance of each paper by ascertaining that they are also highly cited in general. It is significant that for a fast-moving, active field like molecular biology, one must repeat this type of procedure for each preceding year if one wishes to completely fill in the eventful years from 1961 to 1967, during which time we have come from the breaking of the genetic code all the way to *in vitro* synthesis of life in the recent work of Kornberg *et al.* (refer to Appendix B for citation data to Fig. 5).

Of further significance is that *many* of these papers (indicated by black circles in Fig. 5) appear on our list of most heavily cited papers in the literature. Since that list is confined to the 1% per year which are cited 15 or more times per year, one would expect that a lower rate, about 5 cites per year as it turns out, would be sufficient for a specialized field. Thus, to write the entire history of science and medicine as distinct from merely writing the history of DNA or any other specific topic, one's interest would center on events of broader impact and scope.

By way of reiteration, I wish to mention that this history of DNA was written by my assistant, Marie V. V. Williams, under my instructions, even though neither of us knows anything about genetics. I do not think any geneticist would seriously challenge the diagram in Fig. 5, and it, therefore, becomes a perfectly valid teaching aid to the student and a great time saver for the historian.

Let me spell out the implications of these examples — if they are not self-evident from my discussion — for your future dealings with the reader who is faced with a common problem: given a bibliography of 100 papers on any selected field — and today that is commonplace — how can one select the key group of papers to read *first?* One must make choices since he cannot possibly read everything. Here you have seen how, starting with several hundred references, we have identified a dozen or so

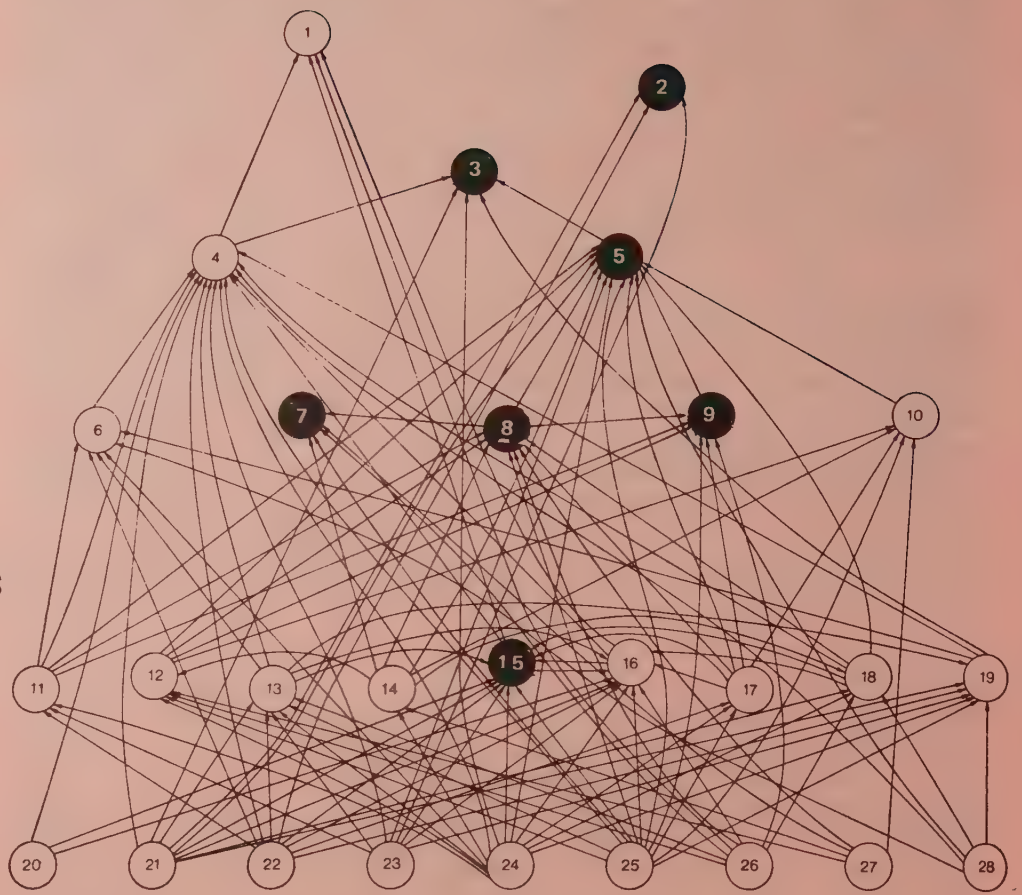

Fig. 5. Citation network of DNA articles based on review of 1967 literature by A. Sadgopal in *Advances* in *Genetics* (Academic Press, New York, 1968, v. 14, p. 325-404). Legend (refer to Appendix B): 1, Sheehan 1958; 2, Bray 1960; 3, Nirenberg 1961; 4, Marcker 1964; 5, Nirenberg 1964; 6, Marcker 1965; 7, Brenner 1965; 8, Khorana 1965; 9, Nirenberg 1965; 10, Khorana 1965; 11, Marcker 1966; 12, Khorana 1966; 13, Marcker 1966; 14, Khorana 1966; 15, Adams 1966; 16, Webster 1966; 17, Nirenberg 1966; 18, Ochoa 1966; 19, Nakamoto 1966; 20, Berberich 1967; 21, Lucas-Leonard 1967; 22, Caskey 1967; 23, Ochoa 1967; 24, Khorana 1967; 25, Nirenberg 1967; 26, Ochoa 1967; 27, Khorana 1967; 28, Ochoa 1967.

RANK	AUTHOR	TOTAL TIMES CITED	RANK	AUTHOR	TOTAL TIMES CITED
1	LOWRY OH	2921	26	ELIEL EL	721
2	CHANCE B	1374	27	STREITWIESER A	717
3	LANDAU LD	1174	28	MULLIKEN RS	712
4	BROWN HC	1160	29	JACOB F	711
5	PAULING L	1083	30	BORN M	710
6	GELLMANN M	942	31	BRACHET J	706
7	COTTON FA	940	32	WINSTEIN S	702
8	POPLE JA	933	33	ALBERT A	687
9	BELLAMY LJ	906	34	LUFT JH	674
10	SNEDECOR GW	904	35	DEDUVE C	673
11	BOYER PD	883	36	VONEULER US	668
12	BAKER BR	878	37	FIESER LF	666
13	KOLTHOFF IM	863	38	HUISGEN R	661
14	HERZBERG G	842	39	NOVIKOFF AB	655
15	FISCHER F	828	40	GOODWIN TW	643
16	SEITZ F	822	41	BARTON DHR	632
17	DJERASSI C	801	42	FISHER RA	631
18	BERGMEYER HU	754	43	BATES DR	627
19	WEBER G	750	44	FLORY PJ	626
20	REYNOLDS ES	748	45	STAHL E	626
21	MOTT NF	741	46	DEWAR MJS	619
22	ECCLES JC	737	47	GILMAN H	618
23	FEIGL F	729	48	FOLCH J	618
24	FREUD S	727	49	DISCHE Z	614
25	PEARSE AGE	726	50	GLICK D	609

Fig. 6. Fifty most cited authors for 1967, ranked according to total times cited.

papers which represent the core of this field, and the 'field' can, of course, be individually tailored to the reader's needs. If you have done the recent history of DNA for one student, it can be used by another; but if faculty members or researchers have chosen less known topics, one must be equally prepared to solve their selective reading problems as well.

Finally, let me briefly turn from the topic of historio-bibliography to that of sociology. At the recent AAAS meeting I presented a paper, 'Can Nobel Prize winners be predicted?' (Garfield and Malin, 1968). The title was somewhat facetious, but actually a more correct title would be 'Can the Nobel Prize winners be forecasted?'. 'To predict' is a very strong term, one expected from the followers of Nostradamus. 'To forecast' is a probabilistic term: a meteorologist forecasts the weather by stating certain probabilities; he cannot predict the weather with absolute certainty.

In the same way, it is not possible to predict using the *SCI*; it is possible, however, to say that from the list of men shown in Fig. 6, one can forecast with high probability that several will receive the Nobel Prize. This is no small achievement when one considers that the approach is based on a purely objective method which does not require a personality appraisal or a reading of the works by these men.

The ultimate decisions will, of course, be made by their peers in the Swedish Academy, etc., but there can be little doubt, as was stated by Newell (1962), that citation indexes will be used increasingly as a means of evaluating scientific merit. This was originally proposed by Golay (1953) and recently expressed by Cranberg (1969) in *Physics Today*. This will, of course, require more meticulous attention to bibliographic practices to insure fair treatment for all, but within the bounds of acceptable error, the evidence is very clear that the *SCI* has become a major sociometric tool. The recent work of the Coles (1968) and others is merely a harbinger of future developments.

I have tried to show the inseparable relationship that exists between the conceptual problems of bibliographic control, subject analysis, symbol theory, and the history and sociology of medicine. It has been an ambitious undertaking. Undoubted-

ly, I have only scratched the surface and I leave it to others with less pragmatic concerns than publishing a work of the size and scope of the *SCI*. Let the scholars like Professors Merton and Price do their job. We have certainly given them all the ammunition they need.

In closing, let me relate that we now plan to complete the data base that will be needed to fully arm the historian who wishes to deal with the history of the decade 1961-1970. As soon as practical, we will fill in the *SCI* for the missing years of 1962 and 1963, and at the same time use the ten-year data base to create discipline-oriented indexes which will include chemistry and physics as well as the social sciences and education. By the time this enormous data base is completed, we expect that our computer hardware and software will be caught up and the dream I have sketched here will be realized at least insofar as we presently conceive of it.

appendix A

Titles of fifty most cited articles for 1967 ranked according to total number of times cited (refer to Fig. 1).

rank

1. Lowry, O. H., Rosebrough, N. J., Farr, A. L. and Randall, R. J., Protein measurement with the folin phenol reagent.
2. Reynolds, E. S., The use of lead citrate at high pH as an electron-opaque stain in electron microscopy.
3. Luft, J. H., Improvements in epoxy resin embedding methods.
4. Fiske, C. H. and Subbarow, Y., The colorimetric determination of phosphrous.
5. Folch, J., Lees, M. and Sloane Stanley, G. H., A simple method for the isolation and purification of total lipides from animal tissues.
6. Bray, G. A., A simple efficient liquid scintillator for counting aqueous solutions in a liquid scintillation counter.
7. Sabatini, D. D., Bensch, K. and Barrnett, R. J., Cytochemistry and electron microscopy: the preservation of cellular ultrastructure and enzymatic activity by aldehyde fixation.
8. Spackman, D. H., Stein, W. H. and Moore, S., Automatic recording apparatus for use in the chromatography of amino acids.
9. Gornall, A. G., Bardawill, C. J. and David, M. M., Determination of serum proteins by means of the biuret reaction.
10. Lineweaver, H. and Burk, D., The determination of enzyme dissociation constants.
11. Burton, K., A study of the conditions and mechanism of the diphenylamine reaction for the colorimetric estimation of deoxyribonucleic acid.
12. Duncan, D. B., Multiple range and multiple F tests.
13. Scheidegger, J. J., A micro-method for immuno-electrophoresis. (In French).
14. Dole, V. P., A relation between non-esterified fatty acids in plasma and the metabolism of glucose.
15. Davis, B. J., Disc electrophoresis. II. Method and application to human serum proteins.
16. Nelson, N., A photometric adaption of the Somogyi method for the determination of glucose.
17. Reed, L. J. and Muench, H., A simple method of estimating fifty per cent endpoints.
18. Moorhead, P. S., Nowell, P. C., Mellman, W. J., Battips, D. D. and Hungerford, D. A., Chromosome preparations of leukocytes cultured from human peripheral blood.
19. Marmur, J., A procedure for the isolation of deoxyribonucleic acid from micro-organisms.
20. Jacob, F. and Monod, J., Genetic regulatory mechanisms in the synthesis of proteins.
21. Watson, M. L., Staining of tissue sections for electron microscopy with heavy metals.
22. Palade, G. E., A study of fixation for electron microscopy.
23. Karnovsky, M. J., Simple methods for staining with lead at high pH in electron microscopy.
24. Martin, R. G. and Ames, B. N., A method for determining the sedimentation behavior of enzymes: application to protein mixtures.
25. Smithies, O., Zone electrophoresis in starch gels: group variations in the serum proteins of normal human adults.
26. Bartlett, G. R., Phosphorus assay in column chromatography.
27. Barker, S. B. and Summerson, W. H., The colorimetric determination of lactic acid in biological material.
28. Eagle, H., Amino acid metabolism in mammalian cell cultures.
29. Rosenfeld, A. H., Barbaro-Galtieri, A., Podolsky, W. J., Price, L. R., Soding, P., Wohl, C. G., Roos, M. and Willis, W. J., Data on particles and resonant states.
30. Gell-Mann, M., Symmetries of baryons and mesons.
31. Trevelyan, W. E., Procter, D. P. and Harrison, J. S., Detection of sugars on paper chromatograms.
32. Warren, L., The thiobarbituric acid assay of sialic acids.
33. Andrews, P., Estimation of the molecular weights of protein in Sephadex gel-filtration.
34. Monod, J., Wyman, J. and Changeux, J. P., On the nature of allosteric transitions: a plausible model.
35. Schmidt, G. and Thannhauser, S. J., A method for the determination of desoxyribonucleic acid, ribonucleic acid, and phosphoproteins in animal tissues.
36. Bardeen, J., Cooper, L. N. and Schrieffer, J. R., Theory of superconductivity.
37. DeDuve, C., Pressman, B. C., Gianetto, R., Wattiaux, R. and Appelmans, F., Tissue fractionation studies. 6. Intracellular distribution patterns of enzymes in rat-liver tissue.
38. Karplus, M., Contact electron-spin coupling of nuclear magnetic movements.
39. Ahlquist, R. P., A study of the adrenotropic receptors.
40. Dubois, M., Gilles, K. A., Hamilton, J. K., Rebers, P. A. and Smith, F., Colorimetric method for determination of sugars and related substances.
41. Ellman, G. L., Tissue sulfhydryl groups.
42. Warburg, O. and Christian, W., Isolation and crystallization of the fermentation ferment enolase. (In German).
43. Gell-Mann, M., The symmetry group of vector and axial vector currents.
44. Mandell, J. D. and Hershey, A. D., A fractionating column for analysis of nucleic acids.
45. Dole, V. P. and Meinertz, H., Microdetermination of long-chain fatty acids in plasma and tissues.
46. Litchfield Jr., J. T. and Wilcoxon, F., A simplified method of evaluating dose-effect experiments.
47. Millonig, G., Advantages of a phosphate buffer for OsO_4 solutions in fixation.
48. Friedemann, T. E. and Haugen, G. E., Pyruvic acid. II. The determination of keto acids in blood and urine.
49. Moore, S. and Stein, W. H., A modified ninhydrin reagent for the photometric determination of amino acids and related compounds.
50. Jaffe, H. H., A reexamination of the Hammett equation.

appendix B

Citations to network of DNA articles based on review of 1967 literature by A. Sadgopal in *Advances in Genetics* (Academic Press, New York, 1968, v. 14, p. 325-404) (refer to Fig. 5).

node

1. Sheehan, J. C. and Yang, D. M. (1958), The use of N-formylamino acids in peptide synthesis. *J. Amer. Chem. Soc.*, 80, 1154.
2. Bray, G. A. (1960), A simple efficient liquid scintillator for counting acqueous solutions in a liquid scintillation counter. *Analyt. Biochem.*, 1, 279.
3. Nirenberg, M. and Matthaei, J. H. (1961), The dependence of cell-free protein synthesis in

E. coli upon naturally occurring or synthetic polyribonucleotides. *Proc. nat. Acad. Sci. (Wash.)*, 47, 1588.
4. Marcker, K. A. and Sanger, F. (1964), N-formylmethionyl-sRNA. *J. molec. Biol.*, 8, 835.
5. Nirenberg, M. and Leder, P. (1964), RNA codewords and protein synthesis-effect of trinucleotides upon binding of sRNA to ribosomes. *Science*, 145, 1399.
6. Marcker, K. (1965), Formation of N-formyl-methionyl-sRNA. *J. molec. Biol.*, 14, 63.
7. Brenner, S., Stretton, A. O. W. and Kaplan, S. (1965), Genetic code — nonsense triplets for chain termination and their suppression. *Nature*, 206, 994.
8. Söll, D., Ohtsuka, E., Jones, D. S., Lohrmann, R., Hayatsu, H., Nishimura, S. and Khorana, H. G. (1965), Studies on polynucleotides. 49. Stimulation of binding of aminoacyl-SRNAS to ribosomes by ribotrinucleotides and a survey of codon assignments for 20 amino acids. *Proc. nat. Acad. Sci. (Wash.)*, 54, 1378.
9. Nirenberg, M., Leder, P., Bernfield, M., Brimacombe, R., Trupin, J., Rottman, F. and O'Neal, C. (1965), RNA codewords and protein synthesis. 7. On general nature of RNA code. *Proc. nat. Acad. Sci. (Wash.)*, 53, 1161.
10. Nishimura, S., Jones, D. S., Ohtsuka, E., Hayatsu, H., Jacob, T. M. and Khorana, H. G. (1965), Studies on polynucleotides. 47. *In vitro* synthesis of homopeptides as directed by a ribopolynucleotide containing a repeating trinucleotide sequence — new codon sequences of lysine glutamic acid and arginine. *J. molec. Biol.*, 13, 283.
11. Bretscher, M. S. and Marcker, K. A. (1966), Polypetidyl-s-ribonucleic acid and aminoacyl-s-ribonucleic acid binding sites on ribosomes. *Nature*, 211, 380.
12. Jones, D. S., Nishimura, S. and Khorana, H. G. (1966), Studies on polynucleotides. 56. Further syntheses in vitro of copolypeptides containing 2 amino acids in alternating sequence dependent upon DNA-like polymers containing 2 nucleotides in alternating sequence. *J. molec. Biol.*, 16, 454.
13. Clark, B. F. C. and Marcker, K. A. (1966), N-formyl-methionyl-s-ribonuclei cacid and chain initiation in protein biosynthesis — polypeptide synthesis directed by a bacteriophage ribonucleic acid in a cell-free system. *Nature*, 211, 378.
14. Morgan, A. R., Wells, R. D. and Khorana, H. G. (1966), Studies on polynucleotides. 59. Further codon assignments from amino acid incorporations directed by ribopolynucleotides containing repeating trinucleotide sequences. *Proc. nat. Acad. Sci. (Wash.)*, 56, 1899.
15. Adams, J. M. and Capecchi, M. R. (1966), N-formylmethionyl-sRNA as initiator of protein synthesis. *Proc. nat. Acad. Sci. (Wash.)*, 55, 147.
16. Webster, R. E., Engelhardt, D. L. and Zinder, N. (1966), In vitro protein synthesis — chain initiation. *Proc. nat. Acad. Sci. (Wash.)*, 55, 155.
17. Kellogg, D. A., Doctor, B. P., Loebel, J. E. and Nirenberg, M. (1966), RNA codons and protein synthesis. 9. Synonym codon recognition by multiple species of valine-, alanine-, and methionine-sRNA. *Proc. nat. Acad. Sci. (Wash.)*, 55, 912.
18. Stanley, W. M., Salas, M., Wahba, A. J. and Ochoa, S. (1966), Translation of genetic message — factors in initiation of protein synthesis. *Proc. nat. Acad. Sci. (Wash.)*, 56, 290.
19. Nakamoto, T. and Kolakofsky, D. (1966), A possible mechanism for initiation of protein synthesis. *Proc. nat. Acad. Sci. (Wash.)*, 55, 606.
20. Berberich, M. A., Kovach, J. S. and Goldberger, R. F. (1967), Chain initiation in a polycistronic message — sequential versus simultaneous derepression of enzymes for histidine biosynthesis in Salmonella typhimurium. *Proc. nat. Acad. Sci. (Wash.)*, 57, 1857.
21. Lucas-lenard, J. and Lipmann, F. (1967), Initiation of polyphenylalanine synthesis by N-acetylphenylalanyl/sRNA. *Proc. nat. Acad. Sci. (Wash.)*, 57, 1050.
22. Caskey, C. T., Redfield, B. and Weissbach, H. (1967), Formylation of guinea pig liver methionyl-sRNA. *Arch. Biochem.*, 120, 119.
23. Salas, M., Hille, M. B., Last, J. A., Wahba, A. J. and Ochoa, S. (1967), Translation of genetic message. 2. Effect of initiation factors on binding of formyl-methionyl-tRNA to ribosomes. *Proc. nat. Acad. Sci. (Wash.)*, 57, 387.
24. Ghosh, H. P., Söll, D. and Khorana, H. G. (1967), Studies on polynucleotides. 67. Initiation of protein synthesis in vitro as studied by using ribopolynucleotides with repeating nucleotide sequences as messengers. *J. molec. Biol.*, 25, 275.
25. Marshall, R. E., Caskey, C. T. and Nirenberg, M. (1967), Fine structure of RNA codewords recognized by bacterial amphibian and mammalian transfer RNA. *Science*, 155, 820.
26. Last, J. A., Stanley, W. M., Salas, M., Hille, M. B., Wahba, A. J. and Ochoa, S. (1967), Translation of genetic message. 4. UAA as a chain termination codon. *Proc. nat. Acad. Sci. (Wash.)*, 57, 1062.
27. Kössel, H., Morgan, A. R. and Khorana, H. G. (1967), Studies of polynucleotides. 73. Synthesis in vitro of polypeptides containing repeating tetrapeptide sequences dependent upon DNA-like polymers containing repeating tetranucleotide sequences — direction of reading of messenger RNA. *J. molec. Biol.*, 26, 449.
28. Salas, M., Miller, M. J., Wahba, A. J. and Ochoa, S. (1967), Translation of genetic message. 5. Effect of Mg^{++} and formylation of methionine in protein synthesis. *Proc. nat. Acad. Sci. (Wash.)*, 57, 1865.

references

Bush, V. (1945), As we may think. *Atlantic Monthly*, 176, 101.
Chedd, G. (1969), Kwok's disease. *New Scientist*, 41, 504.
Cleverdon, C. W. (1964), Citation indexing: Science Citation Index. *Nature*, 203/4944, 446.
Cole, S. and Cole, J. R. (1968), Visibility and the structural bases of awareness of scientific research. *Amer. Sociol. Rev.*, 33/3, 397.
Cranberg, L. (1969), Citations and evaluation. *Physics Today*, 22/4, 15.
Garfield, E. (1966), ISI eases scientists' information problems, provides convenient orderly access to literature. *Karger Gaz.*, 13, 2. Reprinted (1969): *Science*, 154, 762.
Garfield, E. (1968), 'World Brain' or 'Memex'? Mechanical and intellectual requirements for universal bibliographic control. In: E. B. Montgomery (Ed) *The Foundations of Access to Knowledge*, p. 169. Syracuse University Press, New York.
Garfield, E. and Malin, M. V. (1968), Can Nobel Prize winners be predicted? Presented at AAAS Meeting, Dallas, Texas, December 28, 1968.
Garfield, E. and Malin, M. V. (1969), Diagonal Display — a new technique for graphic presentation of network diagrams. In: 1969 *Transactions of the American Association of Cost Engineers, Thirteenth National Meeting, Pittsburgh, Pennsylvania*, p. 222, (Amer. Ass. of Cost Engineers, Univ. of Alabama, Ala.).
Garfield, E. and Sher, I. H. (1967), *Diagonal Display — A New Technique for Graphic Representation of Complex Topological Networks*. Institute for Scientific Information, Philadelphia.
Garfield, E., Sher, I. H. and Torpie, R. G. (1964), *The Use of Citation Data in Writing the History of Science*. Institute for Scientific Information, Philadelphia.
Golay, M. J. E. (1953), Referenced-author lists. *Physics Today*, 6/1, 20.
Gore, D. (1966), The mismanagement of college libraries. *Bull. Amer. Assoc. Univ. Prof.*, 52/1, 46.
Lederberg, J. (1959), Private communication, May 9.
Lederberg, J. (1963), Molecular biology, eugenics, and euphenics. *Nature*, 198, 428.
Luhn, H. P. (1959), *Keyword-In-Context Index for Techical Literature (KWIC)*. International Business Machines Corp., Advanced Development Division, Yorktown Heights, N.Y.
Merton, R. K. (1969), Behavior patterns of scientists. *Amer. Scholar*, 38/2, 197.
Newell, A. (1962), Private communication, February 27.
Price, D. J. de S. (1965), Networks of scientific papers. *Science*, 149/3683, 510.
Schaumburg, H. H., Byck, R., Ambos, M., Leavitt, N. R., Marmorek, L. and Wolschina, S. B. (1968), Sin cib-syn: accent on glutamate. *New Engl. J. Med.*, 279/2, 105.
Schaumburg, H. H., Byck, R., Gerstl, R. and Mashman, J. H. (1969), Monosodium L-glutamate: its pharmacology and role in the Chinese restaurant syndrome. *Science*, 163, 826.
Smith, J. F. (1964), Systematic serendipity. *Chem. Engng News*, 42/35, 55.
Spencer, C. C. (1967), Subject searching with *Science Citation Index:* preparation of a drug bibliography using *Chemical Abstracts, Index Medicus*, and *Science Citation Index* 1961 and 1964. *Amer. Doc.*, 18/2, 87.
Steinbach, H. B. (1964), The quest for certainty: Science Citation Index. *Science*, 145/3628, 142.
Stonehill, H. I. (1965), *Science Citation Index:* information retrieval by propinquity. *Chem. and Indus.*, 10, 416.

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*Williams, J. F. & Pings, V. M., "A Study of the Access to the Scholarly Record from a Hospital Health Science Core Collection," Report No. 54, Wayne State University, School of Medicine, Library and Biomedical Information Service Center, Detroit, Michigan, January 1970, 22pp.

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CITATION INDEXES

By
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Institute for Scientific Information

Introduction

Citation indexing is a relatively new method of organizing the contents of a collection of documents in a way that overcomes many of the shortcomings of the more traditional indexing methods. The primary advantage of citation indexing is that it identifies relationships between documents that are often overlooked in a subject index. An important secondary advantage is that the compilation of citation indexes is especially well suited to the use of man-machine indexing methods that do not require indexers who are subject specialists. This helps to make citation indexes more current than most subject indexes. Furthermore, citations, which are bibliographic descriptions of documents, are not vulnerable to scientific and technological obsolescence as are the terms used in subject indexes.

Citation indexing is based on the simple concept that an author's references to previously recorded information identify much of the earlier work that is pertinent to the subject of his present document. These references are commonly called citations, and a citation index is a structured list of all the citations in a given collection of documents. Such lists are usually arranged so that the cited document is followed by the citing documents.

The first practical application of this concept was *Shepard's Citations*, a legal reference tool that has been in use since 1873. *Shepard's Citations* owes its existence to the fact that American law, like English law, operates under the doctrine of *Stare Decisis*. *Stare Decisis* means that all courts must follow their own precedents as well as those established by higher courts. The precedents are the decisions handed down in previous cases.

To try a case under *Stare Decisis*, a lawyer must base his argument on previous decisions regarding a similar point of law. Before presenting the previous decision as a precedent, however, the lawyer must make sure that the decision has not been overruled, reversed, or limited in some way. *Shepard's Citations* enables the lawyer to do this with a minimum of trouble.

A legal case is always referred to by a code which consists of the volume and

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page number of the document in which the case is reported. Once a case is permanently reported, its reference code becomes fixed for all time. Thus, 301U.S.356 is a reference to the case reported in volume 301 of the United States Supreme Court Reports on page 356. Statutes are also referred to in a similar manner. Thus, Ch16Sec24NJRS refers to chapter 16, section 24 of the New Jersey Revised Statutes.

Taking advantage of this coding system, Frank Shepard devised a listing which shows every instance in which a reported decision is cited in a subsequent case. The listing also shows what statutes and journals cite the original decision.

Figure 1 is a Shepardized list of citations to a fictitious case. In the figure, the cited case is 101Mass.210; the items listed below it are the citing cases and an

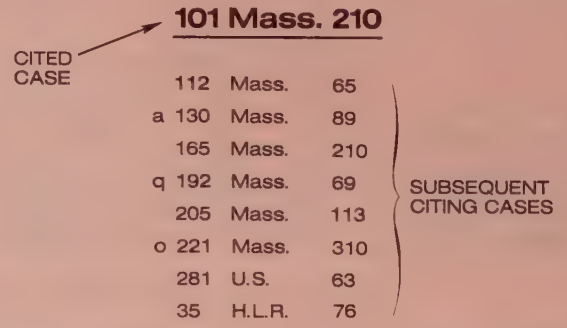

FIGURE 1. *Typical entry from* Shepard's Citations *showing cited and citing cases.*

article from the *Harvard Law Review* which refer to the case. The letters preceding the case codes show that the decision in the cited case was first affirmed (a), then questioned (q), and finally over-ruled (o).

To use *Shepard's Citations* a lawyer must first locate a previous decision relating to his current case. He does this by consulting a digest, index, or encyclopedia which will provide him with the case number for any given decision. The lawyer then looks up the case number in *Shepard's Citations* and finds all the subsequent citing cases. From this information, he can determine whether the original decision was affirmed or modified in any way. Thus, in the example given in Figure 1, the original decision could not be used as a precedent because it was subsequently over-ruled.

Problems with Traditional Subject Indexes

After World War II, users of scientific and technological literature were finding it increasingly difficult to find information pertinent to their own work. Several factors caused this situation. One was that the size of the literature was growing very rapidly. Projections indicated that by 1975 there would be over two million scientists in the world producing a million papers a year. These new papers would be added to the 10 million papers that would already be published by then (*1*).

As the growing volume of scientific information began to overwhelm the limited number of indexers that could be economically supported, there were delays of six months to several years before papers were classified. This, in turn, resulted in more and more scientists spending time needlessly duplicating existing work.

Another factor in the literature problems of scientists was the increasing need for exchanging information between scientific disciplines. The majority of subject indexes covered only one field or discipline. Science had become so interrelated that such arbitrary restrictions were causing the researcher to remain unaware of much valuable information. Fields such as oceanography, organic chemistry, and environmental science could no longer be placed into neat little cells. To be reasonably sure that he had most of the important information pertaining to any such field, the scientist was required to examine the literature of several disciplines. For example, a chemist selecting suitable materials for surgical implants or artificial internal organs might find useful information in chemical journals, medical journals, or engineering journals.

Although the growing size of the literature and the need for multidisciplinary information retrieval highlighted the shortcomings of traditional subject indexes, there were also other problems involved. The classification terms used in subject indexes are often ambiguous and lend themselves to different interpretations, especially when the user is not fully conversant with the details of a particular indexing system. Subject indexes also encounter the problem of assigning labels to new concepts. Many times, especially in fast-moving (or rapidly developing) fields like biochemistry, this is very difficult. Indeed, a consensus of what is the "proper" label for a concept may not be arrived at until some time after the original paper presenting the concept has been indexed under an inappropriate term.

Because indexers possess different intellectual abilities and technical skills, two different indexers will often use different key words, or headings, or subject terms when classifying the *same* document (*2*). Thus, it is not surprising to find *related* documents classified under entirely different subject headings with no clue to the searcher that this has happened. For example, an important 1963 paper on the topic of "seasonal variations in birth" (*3*) is indexed under the subject heading of "Periodicity" in the 1964 edition of *Index Medicus* (*4*). It is highly unlikely that anyone looking for information on seasonal variations in birth would ever think to look under "Periodicity" since it is quite a different concept than "Seasonal Variation."

These types of problems made clear the need for a system that would provide a unified index to the scientific literature that was current, free of semantic difficulties, and not dependent on the subject knowledge of indexers (*5*).

The Start of Citation Indexes for Science

REFERENCE TRADITION

As the doctrine of *Stare Decisis* provided the logic for *Shepard's Citations,* so did the "reference tradition" provide the rationale for citation indexes for science.

Scientific tradition requires that when a reputable scientist or technologist publishes an article, he should refer to earlier articles which relate to his theme. These references are supposed to identify those earlier researchers whose concepts, methods, apparatus, etc., inspired or were used by the author in developing his own article. Some specific reasons for using citations are as follows:

1. Paying homage to pioneers.
2. Giving credit for related work.
3. Identifying methodology, equipment, etc.
4. Providing background reading.
5. Correcting one's own work.
6. Correcting the work of others.
7. Criticizing previous work.
8. Substantiating claims.
9. Alerting researchers to forthcoming work.
10. Providing leads to poorly disseminated, poorly indexed, or uncited work.
11. Authenticating data and classes of fact—physical constants, etc.
12. Identifying original publications in which an idea or concept was discussed.
13. Identifying the original publication describing an eponymic concept or term as, e.g., Hodgkin's disease, Pareto's Law, Friedel-Crafts Reaction.
14. Disclaiming work or ideas of others.
15. Disputing priority claims of others.

In the early 1950s, the availability of this built-in system for linking scientific articles began to receive attention as the possible foundation of an indexing system for the scientific literature.

WELCH MEDICAL LIBRARY INDEXING PROJECT

In 1952, Dr. Chauncey Leake was chairman of the Committee of Consultants for the Study of Indexes to Medical Literature. This committee was supervising the Johns Hopkins Welch Medical Library Indexing Project which was sponsored by the Armed Forces Medical Library. Dr. Leake suggested that project workers should examine review articles in connection with their investigation of the problems with subject indexes to medical literature.

GARFIELD

This statement had considerable impact on Eugene Garfield, one of the Welch Project investigators. Garfield realized that nearly every sentence in a review article is supported by a citation to a previous work. Thus, a review article could really be considered a series of indexing statements. The problem then became one of transforming these statements into a consistent format that would be useful as an index.

ADAIR

In 1953, the Welch Project conducted a symposium, news of which was reported in a Colorado newspaper. This article was read by William C. Adair, who was a former vice president of the firm that produced *Shepard's Citations*. Adair wrote to the Welch Project and suggested that they consider the method employed by Shepard's as a possible indexing technique.

After examining *Shepard's Citations,* Garfield realized that the "citator" principle could provide a means of indexing review papers which could be extended to the scientific literature in general.

After the Welch Project ended, Garfield began graduate work in Library Science at Columbia University. During this period he continued correspondence with Adair and began writing a detailed article on citation indexes for scientific literature. The article was completed in 1954 and was edited and refereed by Professor Bentley Glass, who was then chairman of the Johns Hopkins Department of Genetics and on the editorial board of *Science*.

While his own article was awaiting publication, Garfield, who by then was an associate editor of *American Documentation,* suggested that Adair write a shorter article which would explain, in general terms, the operation of *Shepard's Citations*. The Adair article appeared in *American Documentation* in June of 1955 (*6*); Garfield's article appeared in *Science* in July of 1955 (*7*).

LEDERBERG

It was not until 1958, however, that the scientific community exhibited any specific interest in Garfield's idea. In that year, Professor Joshua Lederberg of Stanford University wrote to Garfield to inquire if any further work had been done on citation indexing. When informed of the financial problems involved in starting such a project, Lederberg suggested that Garfield should apply for a grant from the government.

GENETICS CITATION INDEX

In 1961, the National Institute of Health initiated a cooperative program with Garfield's Institute for Scientific Information (ISI) to prepare a citation index for the field of genetics (*8*). In addition to preparing the index, the program was to investigate and make recommendations on such general questions about citation indexes as:

1. Should there be a single citation index for all of science and technology, several rather broad ones, or many narrow ones, each focused on a single discipline?
2. In what ways is it possible to arrange a citation index (author, journal, etc.) and what way is the best for any given situation?
3. What techniques could be used for gathering the citation information?
4. Should books and technical reports be covered and to what degree?

Garfield soon recognized, however, that defining the genetics literature to be covered by a citation index would be quite difficult. Fine judgements would be required as to what was or was not genetics literature. At Garfield's suggestion,

it was decided to undertake a comprehensive, interdisciplinary approach to preparing a citation index and then extract a genetics citation index from that base of information.

SCIENCE CITATION INDEX

The interdisciplinary data base was eventually used to produce the first *Science Citation Index* which was published in 1963. The first *SCI* covered the literature of the calendar year of 1961. It covered 613 journals, contained 1.4 million citations, and required five volumes. Nineteen per cent of the citations in the 1961 *SCI* data base were selected by special computerized procedures as "having to do with genetics" and were published separately as the *Genetics Citation Index.* The genetics index was also published in 1963 and was complete in one volume.

OTHER CITATION INDEXES

In addition to the *Science Citation Index* and the *Genetics Citation Index,* there have been several other efforts at compiling citation indexes or at using the principle of citation indexing in information retrieval systems. Most of these have been experimental in nature, extremely narrow in their coverage, or published on a one-time basis.

Some citation indexes provide coverage of the material published in just one journal. One of the earliest examples of this is the cumulative index to volumes 35 through 50 of the *Journal of the American Statistical Association.* This index was prepared with assistance from the Ford Foundation and was issued in 1959. In this index, both the cited and citing articles had to appear in the covered journal to be indexed. Another example of a citation index with single journal coverage is the one that appears in the cumulative index to volumes 1 through 31 of the *Annals of Mathematical Statistics.* Published on a one-time basis in 1962, this index is a listing of articles appearing in the *Annals* which is arranged by author and shows references to various abstracts of the article and other articles in the *Annals* which cite the original article.

Another citation index that was published only once is contained in the *Bibliography of Non-parametric Statistics.* Published in 1962, this index shows what items in the bibliography cite other items in the bibliography.

Since 1966, each monthly issue of the *Journal of Histochemistry and Cytochemistry* has contained a citation index to its own articles. This index is arranged by author and shows, for any article previously published in the journal, where and by whom the article has been cited in the preceding month in any of over 2200 other journals.*

An example of a citation index that covers more than one journal but is limited to a single field is the *Citation Index for Statistics and Probability* which is currently being produced by Dr. J. W. Tukey at Princeton University (*9*). This project was initiated in 1961 and is being conducted in cooperation with the National Science Foundation. The journals covered by this index are concerned with theoretical and methodological statistics. At the beginning of the project, about 50 journals were being completely covered, with another 75 journals covered on a selective basis. Currently, about 100 journals are fully covered and 150 are covered selectively. It is estimated that the first issue of this index will appear in 1971.

In 1968, the Shepard organization itself introduced *Shepard's Law Review Citations.* This new publication indexes 117 law reviews and periodicals and shows where any legal article written since 1947 has been cited in the covered journals from 1957 on.

Some citation indexes are prepared to test other aspects of citation indexing besides information retrieval. One of these was compiled by Ben-Ami Lipetz (*10*). As sources, Lipetz used four of the eight Russian physics journals published in English by the American Institute of Physics. Out of all the citations appearing in these journals, he included in his index only the citations to articles published in two heavily-used American physics journals. The resulting citation index was then distributed to a group of subscribers of the two American journals and an attempt was made to compare the frequency of use of the four Russian journals before and after the distribution of the index. The object was to see if increasing the user's awareness of relevant articles by the use of a citation index would influence their reading habits. Lipetz concluded that the index produced a measurable increase in the use of the Russian journals, although the increase was not large scale.

As a final example, special citation indexes can be prepared on demand through systems that directly connect the users with the data base, as is done with the Technical Information Project (TIP) at the Massachusetts Institute of Technology (*11,12*). TIP uses a time-sharing computer connected to remote consoles by telephone cables. The data base consists of the full bibliographies of articles from recent volumes of twenty-five physics journals. Special programs have been devised to enable a user to request a citation index to these articles that will meet his specifications. Thus, a user can obtain a citation index to all the articles, or to the articles from only one of the covered journals, or to the articles in a single volume of a covered journal.

Description and Use of a Citation Index

The multidisciplinary and interdisciplinary *Science Citation Index* is now used by the libraries of almost every major university in the United States. For all intents and purposes, it is the only citation index to the most used literature of science and technology. Because of this, the following detailed discussion on the compilation and use of a citation index will be based on the *SCI.* It is felt that the underlying principles and mechanics of citation indexing will be most clearly explained with this approach.

* This information is compiled from the Automatic Subject Citation Alert (ASCA) service of the Institute for Scientific Information.

The *Science Citation Index* provides an index to the contents of every issue published during a calendar year of approximately 2200 selected journals. Covered journals are considered *source* journals and the items they contain are called *source items*. All journals are indexed comprehensively to eliminate doubts as to whether or not a particular item is covered. All original articles and most other useful items in a journal are processed, including editorials, letters, and meetings. Ephemeral items such as advertisements and news notices are omitted. Although previously included, book reviews have not been used as source items since 1969.

Before keypunching, each source journal issue is edited and tagged to insure that all relevant data will be recorded. All foreign language titles are translated into English. All citations (footnoted or provided in a bibliography) are processed; where practical, citations are also extracted from the text. A separated punched card is prepared for every cited item appearing in every source item processed. For every source item, a set of punched cards containing the author(s), title, journal, etc. is also prepared. Each punched card is verified by direct comparison with the original journal.

Once the cards are punched and verified, the data are transferred from cards to magnetic tapes. During this process, the computer performs a unification routine which eliminates many errors from the original literature such as incorrect spellings in the names of cited authors and titles of cited publications (*13*).

The final data is formatted and further editing is done. Final printouts are then produced through the use of a computer-driven photo-composition machine. The final indexes are produced through photo-offset printing. Statistics are also tabulated in the course of obtaining the printouts.

FORMAT AND ARRANGEMENT

The *SCI* consists of three separate but related indexes. These are the *Citation Index*, the *Source Index*, and the *Permuterm Subject Index*. All three indexes making up the *SCI* are published quarterly for the first three quarters of the year. The indexes for the fourth quarter are incorporated in the annual cumulation for each index. Eleven volumes of about 1400 pages each were required for the annual cumulation for the 1969 *SCI* which contains 4 million citations extracted from about 341,000 source items.

The *Citation Index* is arranged alphabetically by cited author. An entry for a cited item (reference) contains the first author's name and initials, the year the cited item was published, and the name of the publication in which the cited item appeared along with its volume and page number. When there is more than one cited item for any author, these are arranged chronologically by cited year. The source items citing a particular reference work are arranged alphabetically by source author immediately under each reference line. The source item line contains the citing author's name, name of the publication in which the citing item appeared, and the publication year, volume, and page. There is also a coded symbol indicating whether the citing item was an article, abstract, editorial, etc. Cited items may be from any year in recorded history; citing items, however, are always from the current year. In the *Citation Index* only the *first* author is shown for the cited and citing items. The *Source Index* (discussed below) gives *all* authors for each citing item. Figure 2 shows part of a typical column from the *Citation Index* of the *SCI*.

A separate section of the *Citation Index* is used for anonymous items (no personal author specified for the cited work). These items are arranged alphabetically by the titles of the cited publications.

Another separate section within the *Citation Index* contains a *Patent Citation Index*. This is a listing of all patents (foreign and domestic) which have been

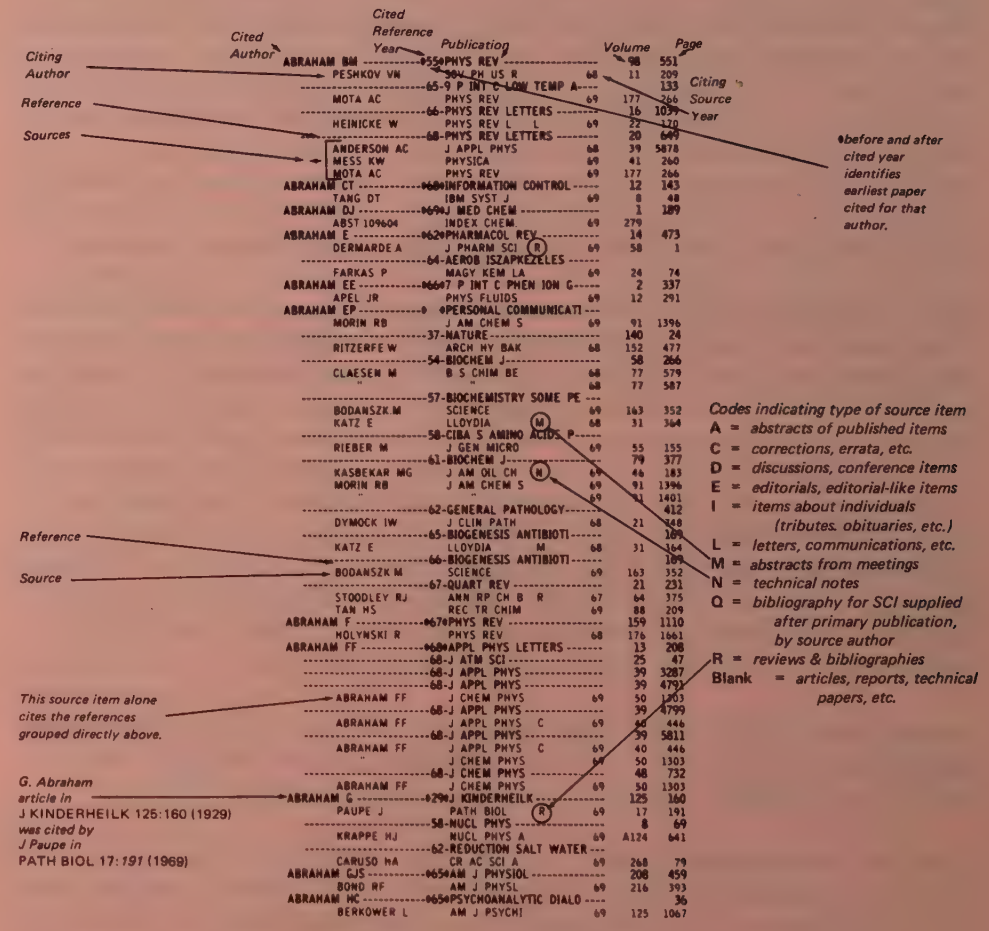

FIGURE 2. *Typical column from the* Citation Index *portion of the* Science Citation Index.

cited or referred to in any journal covered by the *SCI*. The *Patent Citation Index* is arranged in numerical order by patent number and usually provides, in addition to the patent number cited, the year of issuance, inventor, and country.

The *Source Index* is arranged alphabetically by source item author. Entries provide all co-authors, the full title of the citing (source) item, journal title, volume, issue, page, year, type of item (review, letter, correction, etc.), and number of references in the bibliography of the source item. Also provided is an

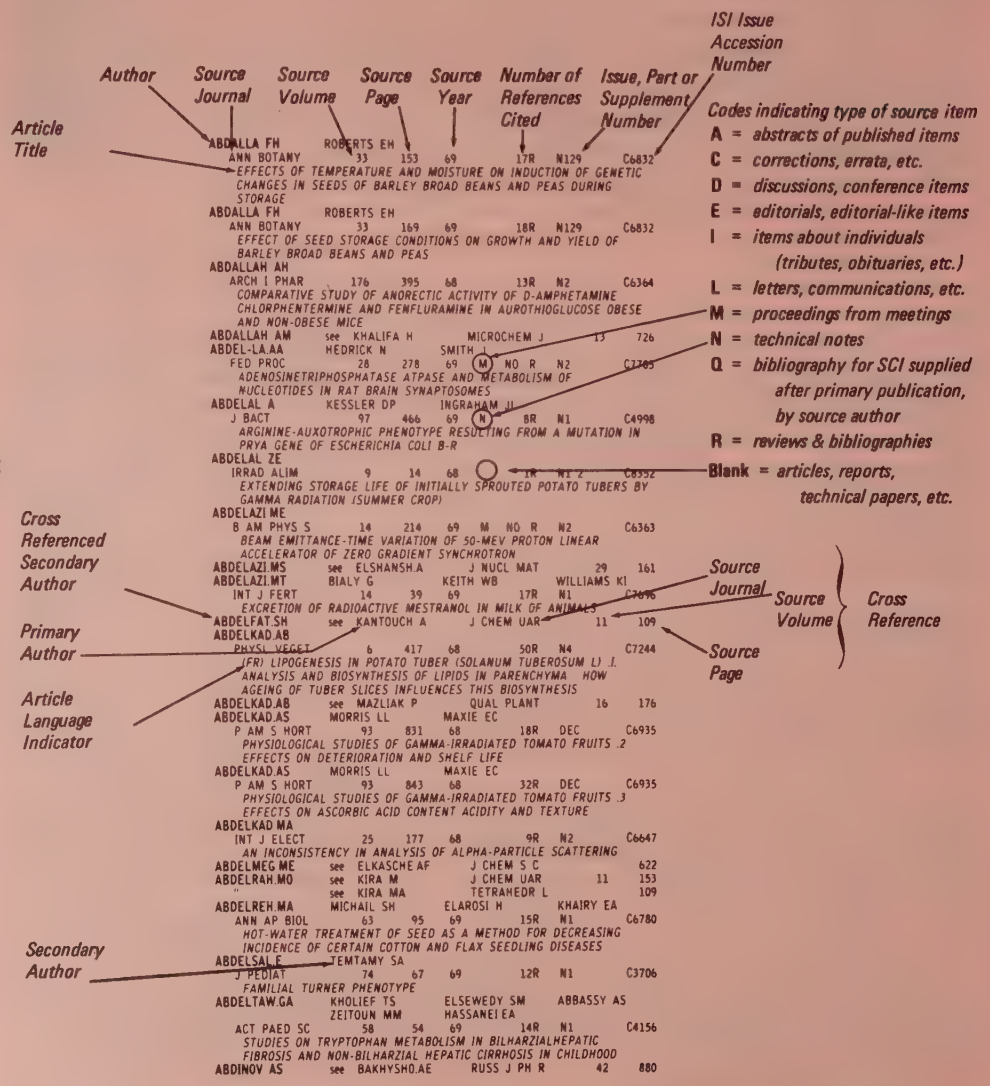

FIGURE 3. *Typical column from the* Source Index *portion of the* Science Citation Index.

" A CONFORMAL MAPPING METHOD TO PREDICT LOW-SPEED AERODYNAMIC CHARACTERISTICS OF ARBITRARY SLENDER RE-ENTRY SHAPES"

the Permuterm technique results in the following indexing entries:

PRIMARY TERM CO-TERM	PRIMARY TERM CO-TERM	PRIMARY TERM CO-TERM
AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD PREDICT RE-ENTRY SHAPES SLENDER	LOW-SPEED AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL MAPPING METHOD PREDICT RE-ENTRY SHAPES SLENDER	RE-ENTRY AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD PREDICT SHAPES SLENDER
ARBITRARY AERODYNAMIC CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD PREDICT RE-ENTRY SHAPES SLENDER	MAPPING AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED METHOD PREDICT RE-ENTRY SHAPES SLENDER	SHAPES AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD PREDICT RE-ENTRY SLENDER
CHARACTERISTICS SEE STOP LISTS	METHOD SEE STOP LISTS*	SLENDER AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD PREDICT RE-ENTRY SHAPES
CONFORMAL AERODYNAMIC ARBITRARY CHARACTERISTICS LOW-SPEED MAPPING METHOD PREDICT RE-ENTRY SHAPES SLENDER	PREDICT AERODYNAMIC ARBITRARY CHARACTERISTICS CONFORMAL LOW-SPEED MAPPING METHOD RE-ENTRY SHAPES SLENDER	

* No entries are created for the words "A", "TO", "OF". These illustrate "full stop" words and are not indexed. The words "METHOD", and "CHARACTERISTICS" illustrate "semi-stop" terms. Semi-stop words are suppressed as Primary Terms but do appear as Co-Terms. Hyphenated words such as "RE-ENTRY" or phrases such as "LOW-SPEED" are treated as one term.

FIGURE 4. *Indexing entries that result when Permuterm technique is applied to an article title.*

accession number: this is the code by which the *source journal* is filed at *ISI*. Figure 3 shows part of a typical column from the *Source Index*.

Within the *Source Index* is a separate section called the *Corporate Index*. In the *Corporate Index*, all of the source items processed are listed alphabetically by author under the name of the organization where the work was performed. If more than one organization is involved in a given project, an entry is created for each organization.

The third major index contained within the *SCI* is the *Permuterm Subject Index*. Permuterm is a contraction of the phrase "permuted terms." In the *PSI*, the term "permuted" is used in its correct mathematical sense. This is to be distinguished from a Key-Word-In-Context (KWIC) index which rotates the words in an article title rather than fully permuting them.

To produce the *PSI*, a computer is used to permute all significant words within each title and subtitle of every item included in the *Source Index*. All possible pairs of terms are formed. Thus, for a title containing n significant words, there will be $n(n-1)$ pairs. With this system, every significant word takes a turn at being the primary term *as well as* being a co-term (*14*). Figure 4 shows the indexing entries that result when the Permuterm technique is used.

The *PSI* is arranged alphabetically by primary term. Terms which begin with numbers appear at the end of the index. All co-terms co-occurring with a particular primary term are indented and listed in alphabetical order under that primary term. Co-terms beginning with numbers appear at the end of the list. Dashed lines lead from each co-term to the name and initials of the author whose item contains that co-term and its associated primary term. For anonymous entries, the journal title is given in place of the author's name. Figure 5 shows part of a typical column from the *Permuterm Subject Index*.

BASIC SEARCH TECHNIQUE

Using the *Science Citation Index* involves the following steps. The searcher starts with the name of an author he has identified as having written an item related to the topic of the search. He then enters the *Citation Index* and looks up the name of that author. Once the author's name is located, the searcher can see the items that have currently cited the various items listed for this author. The searcher then notes the author, journal, volume, and page of each citing item. The searcher then turns to the *Source Index* and looks up the name of the citing author. At this entry he will find the complete bibliographic data for the citing item including the complete title and all co-authors. At this point, the searcher should examine source item titles and select those items which seem most likely to be relevant to his topic. He can then obtain the journals containing the items of interest from the library. This basic search technique is illustrated in Figure 6.

A search may be readily expanded in order to build a more extensive bibliography for a particular inquiry. For example, once he finds a number of source items, the searcher can use the bibliographies of one or several of these to provide

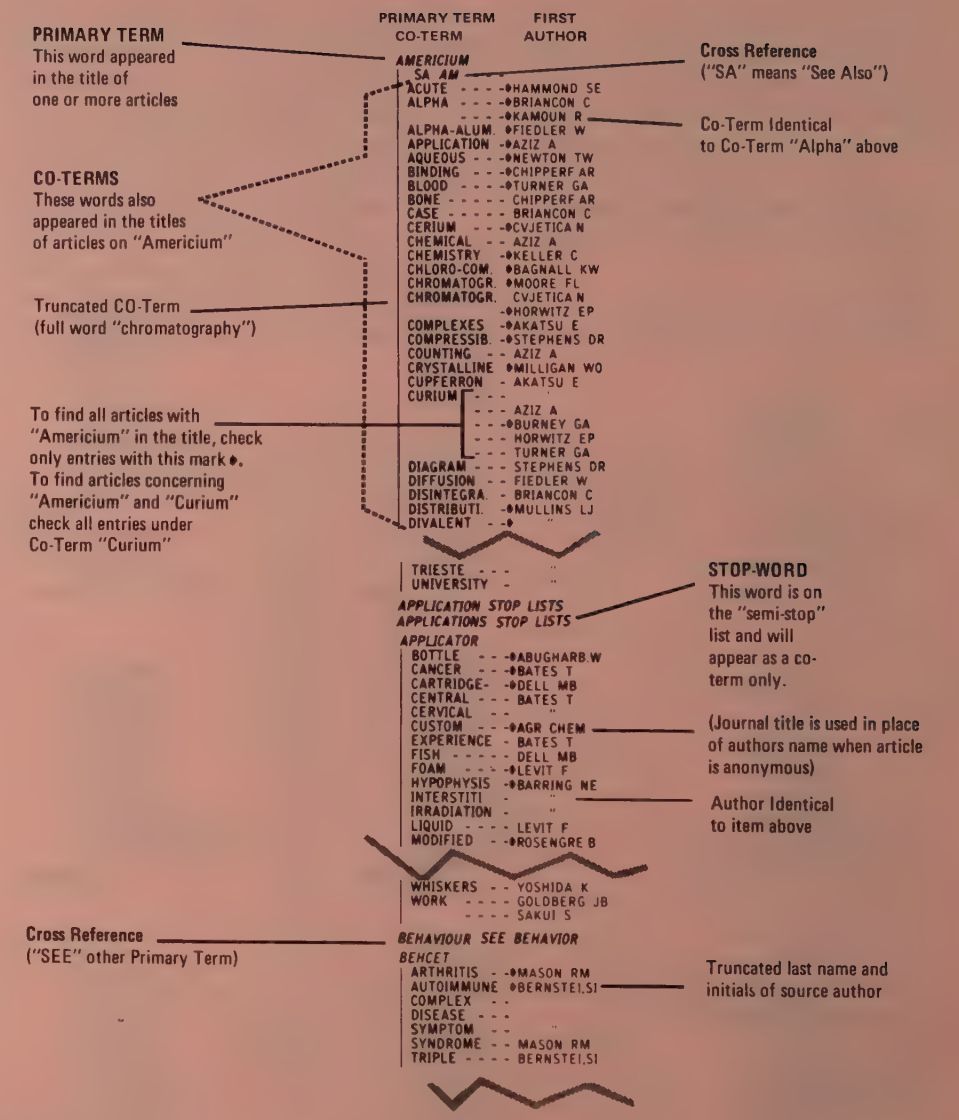

FIGURE 5. *Typical column from the* Permuterm Subject Index *portion of the* Science Citation Index.

the names of other authors to look up in the *Citation Index;* this process is called "cycling." Figure 7 is a diagram of the basic cycling procedure. [More sophisticated cycling procedures exist, but are not discussed here (*15*).]

Examination of the *Source Index* itself may yield additional relevant current items by a given source author, even though they may not cite any of the known starting references.

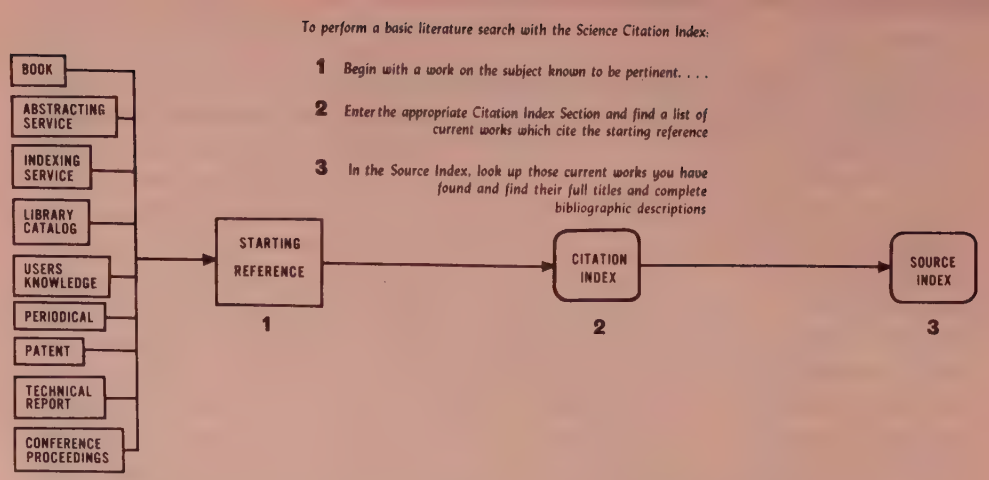

FIGURE 6. *Basic search technique for the* Science Citation Index.

The *Permuterm Subject Index* is used when the searcher does not know a specific author of interest by which he can enter the *Citation Index* or the *Source Index*. To use the *PSI*, the searcher first compiles a list of terms that are likely to describe his topic of interest. The searcher then enters the *PSI* and locates a primary term that is the same as one of the terms he has listed. He then sees all the authors in the current year that have used that term in the title of an item. Usually, the searcher will want to be more selective. He can accomplish this by locating a co-term under the primary term that further defines his topic. He can then select only those authors that have used the co-term as well as the primary term. Once the appropriate author(s) is identified, the searcher can enter the *Source Index* to obtain the full title of an article along with other bibliographic data. The searcher can then obtain desired items and/or look up appropriate items in the *Citation Index* for subsequent citing sources. Figure 8 diagrams the use of the *PSI* to obtain a starting author to conduct an *SCI* search.

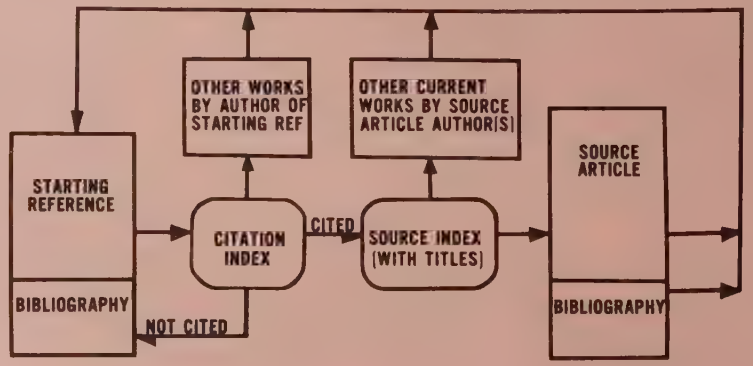

FIGURE 7. *Use of "cycling" in basic search technique for the* Science Citation Index.

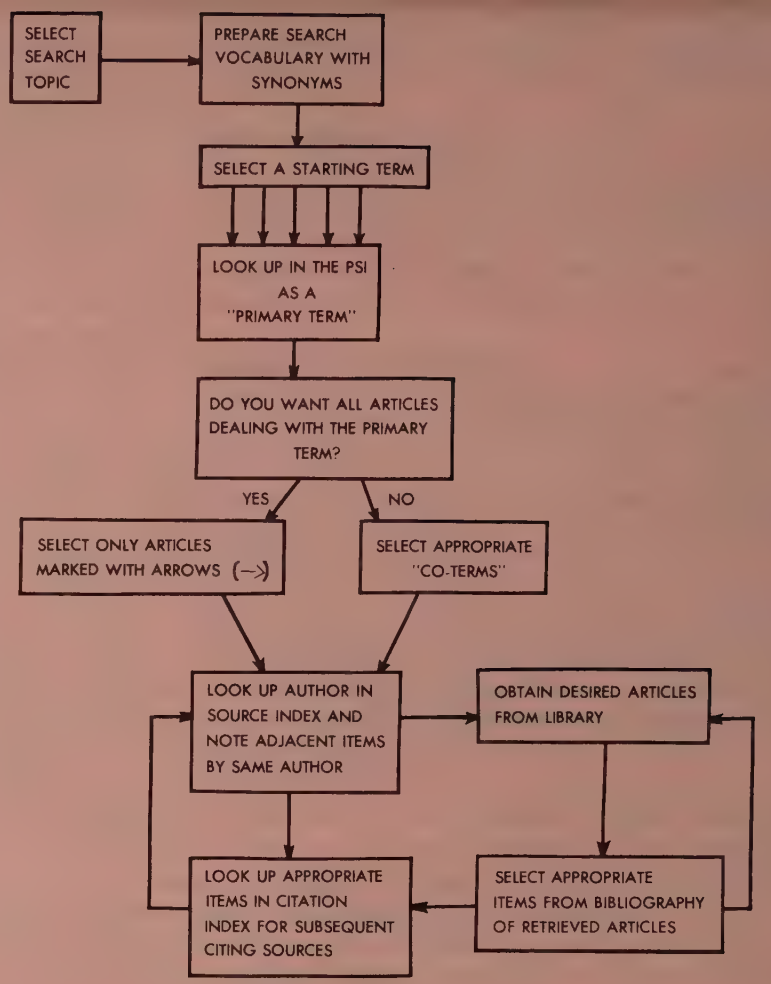

FIGURE 8. *Use of the* Permuterm Subject Index *to obtain a starting author to conduct a* Science Citation Index search.

Evaluation of Citation Indexing

Perhaps the best way to evaluate citation indexing is to examine how the *Science Citation Index* resolves the previously discussed deficiencies of subject indexes. For purposes of review, the deficiencies can generally be summarized as follows:

1. Inability to deal comprehensively with the growing volume of scientific literature on a timely basis.
2. Limited ability to cut across disciplines to pull together related information.
3. Semantic difficulties in preparation and use of the indexes.

COMPREHENSIVENESS AND TIMELINESS

The *SCI*'s method of obtaining comprehensive coverage of the literature has its foundation in Bradford's Law (*16,17*). In general, this law states that a small percentage of journals account for a large percentage of the significant articles in any given field of science. In support of this, a study of *Physics Abstracts* by Keenan and Atherton (*18*) shows that 50% of the items abstracted are taken from only nineteen journals. Also, studies conducted by *Index Chemicus* show that 100 journals account for 98% of all new articles in synthetic chemistry (*19*).

Further analyses have revealed that this concentration of information in relatively few journals is characteristic, not only of the individual disciplines, but of the scientific literature as a whole. Yale Professor Derek J. de Solla Price claims that about 1000 journals contain 80% of *all* scientific articles (*20*). This estimate is confirmed by continuing *ISI* studies. These same studies show that fewer than 1000 journals account for 90% of the *significant* literature, that is, they are the most heavily cited journals (*21*).

These findings lead to the reasoning that if the 2200 journals covered by the *SCI* are properly chosen, most of the world's important scientific literature will be indexed even though there are an estimated 30 to 50 thousand journals in existence.

The publisher of the *SCI* uses several methods to make sure that covered journals are, in fact, the significant ones. First, he has enlisted an editorial board composed of experts in the various disciplines to recommend journals for coverage. Second, subscribers are invited to suggest journals for coverage; such suggestions are then evaluated by the editorial board. Third, large-scale citation analyses are made to see which journals are cited most frequently. This information is especially helpful in determining those journals that are the most used in emerging fields of science. The coverage rationale that has evolved from this system places heavy emphasis on the multidisciplinary journals, supplementing these with the most important journals from the individual disciplines.

There has been some criticism that the *SCI* is biased in favor of covering the Western-language journals. This is, in part, a reflection of the superabundance of research conducted in the United States and abroad which is published in English, German, and French. This bias is also due to the fact that the *SCI* has, in the past, given preference to cover-to-cover English translations of Russian journals. However, it should be noted that the SCI is the only index that covers every article in the Soviet journal *Doklady Akad. Nauk SSSR,* which ranks as the fifth largest journal in the world in terms of articles published each year.

Another Russian journal covered by *SCI* is *Teploenergetica* (Thermal Engineering). It must be admitted, however, that this journal was not covered until 1968 when *ISI* studies showed that it was among the 500 most cited journals in the world. This is typical of the continuous improvement in journal coverage of *SCI*.

The *SCI* provides timely coverage partly because the type of intellectual activity required to compile traditional subject indexes is not required. The author himself "indexes" his article (by way of his citations), enabling the *SCI* to be prepared by a combination of man-machine procedures which facilitate current coverage of the literature. Thus, indexes covering the literature appearing in any calendar quarter are published within sixty days after the end of the quarter; hard-bound annual cumulations are published within four months after the end of the year.

MULTIDISCIPLINARY SEARCHING CAPABILITY

The reason citation indexes provide multidisciplinary searching capabilities is, once again, related to the fact that most indexers are not as qualified as the author himself to decide which previously published material is related to his current work. A citation index takes advantage of the built-in linkages between documents provided by authors' citations by listing together *all* items with common citations.

It is this unique ability to group together items that are often seemingly unrelated that is so important to the modern researcher. Everyone knows that there are important, though small parts of the literature which can be called "pure" physics or "pure" chemistry, etc. There is, however, a larger, less specialized part of the literature that is of interest to physicists, chemists, or other scientists as it relates to their specialties. For example, the chemistry of water is pertinent to oceanography, but it is also pertinent to a vast array of other problems in biology, physics, chemistry, and other applied fields. With the *SCI,* as long as a current item cites a given previous item, it will be indexed under the cited item. It makes no difference if the citing item appeared in a physics journal, a chemistry journal, an engineering journal, or any other type of journal. Therefore, a searcher using the *SCI* can identify a group of items whose contents are in some way related to his topic, but which were published in a variety of journals not normally considered as being related to his discipline.

An interesting example of the utility of the *SCI* in crossing scientific disciplines to retrieve isolated bits of information is found in the relationship between C. H. Whitnah's paper in the *Journal of Dairy Science* in 1959 and a paper by Albert Einstein in *Annalen der Physik* in 1906. This apparently incongruous combination proves to be a legitimate reference by Whitnah to an equation used in calculating molecular dimensions which was applied in a study of the physical properties of milk.

This same article by Einstein was cited in a 1960 article by V. V. Varadaiah in the *Journal of Polymer Science.* In this article, Einstein's equation was used as a basis for calculations relating to the Flory universal constant in the equation for intrinsic viscosity. In two other papers by P. H. Elworthy, one in 1959 in the *Journal of the Chemical Society,* and one in 1961 in the *Journal of Pharmacy and Pharmacology,* the Einstein equation was cited in a discussion on the size and shape of lecithin micelles.

In a 1961 paper by K. Yagi in *Comparative Biochemistry and Physiology,* the Einstein equation is employed in the study of mechanical and colloidal properties

of amoeba protoplasm. Still again in 1961, S. G. Schultz, in the *Journal of General Physiology*, reported biophysical studies in which he used the Einstein viscosity equation to confirm atomic dimensions compiled by L. Pauling. In the *SCI*, each of these widely scattered papers would be retrieved by the use of basic search and cycling techniques.

SEMANTIC PROBLEMS

Citation indexes resolve semantic problems associated with traditional subject indexes by using citation symbology rather than words to describe the content of a document. This concept is rather difficult for most people to comprehend at first. Therefore, the following rather extended example is presented as an aid to understanding.

In 1963, Professor J. Lederberg published a paper in *Nature* entitled "Molecular Biology, Eugenics and Euphenics." In this paper, he established the word "euphenics" as a synonym for the concept of "engineering human development." As long as this paper was the only one in the literature on euphenics, there was effectively a one-to-one equivalence between the word "euphenics" and the citation which identified the document in which it first appeared. The word "euphenics" and the citation "Lederberg J., 63, *Nature* 198, 428" were essentially equivalent symbols for the subject discussed in Lederberg's paper.

Now suppose that other authors use the term "euphenics" in subsequent papers. Customarily, the subsequent authors will give credit to Lederberg as originator of the term by citing his original paper. As a result, in a citation indexing system, the new papers would be automatically grouped together under the citation "Lederberg J., 63, *Nature* 198, 428." In a word indexing system, the subsequent papers would be grouped together under the term "euphenics." Both methods would achieve the same objective—to make information on "euphenics" retrievable. In one system, the word is the indexing term; in the other, the citation is the indexing term.

Once it is understood how a citation can serve as an indexing term, it is not difficult to show why citations are frequently better than words in this role.

Carrying the Lederberg example further, suppose that another author discusses "engineering human development" but does not mention the word "euphenics." As long as the author cites the original paper by Lederberg (which is highly probable), the new paper will be indexed under Lederberg's paper in a citation index. The odds are very slim, however, that any subject indexer would equate "engineering human development" with "euphenics." Thus, the paper that does not specifically mention euphenics has a high probability of being indexed under some other term.

Consider the same situation from the point of view of the user of an index. If the searcher is familiar with the term "euphenics," word indexes will enable him to find the Lederberg article and the subsequent articles that specifically mention "euphenics." The searcher will, however, most likely miss the papers on "engineering human development" unless he is aware that this phrase is an alternate for the word "euphenics." With the *SCI*, the searcher only needs to know that Lederberg had published on this general topic. By simply looking up the name Lederberg, he will find the original paper plus all subsequent citing papers, whether or not they specifically mention "euphenics." This is especially useful to a searcher who is not familiar with the jargon of a different discipline than his own.

Grouping items by a common citation also makes the *SCI* a self-organizing indexing system that is constantly being upgraded by the feedback of more current information.

UNIQUE CAPABILITIES OF CITATION INDEXES

Citation indexes not only resolve many of the difficulties inherent in conventional indexes, certain things can be accomplished with citation indexes that are not at all feasible with other indexes.

Probably the most important of these capabilities is the ability to bring the searcher forward in time from an earlier known reference. The *SCI* is set up so that no matter when an item originally appeared, it will be indexed in the *Citation Index* as long as it is cited at least once in the current year in any of the covered journals. As soon as the searcher locates his starting "cited item" he is brought forward to items that are currently citing the original. This could bridge a gap of fifty years or more (as in the Einstein article discussed above), or it can take the searcher forward in increments as small as a year (say from 1968 for the cited article to 1969 for the citing article).

By utilizing this ability of citation indexes, necessary research questions such as these can be answered:

1. Has this basic concept been applied elsewhere?
2. Has this theory been confirmed?
3. Has this method been improved?
4. Is there a new synthesis for this old compound?
5. Have there been errata or correction notes published for this paper?

Also, any scientist may legitimately wish to determine whether his own work has been applied or criticized by others. Citation indexes facilitate this type of feedback in the communication cycle. A further use of citation indexes is to quickly identify scientists currently working in special branches of science for the purpose of correspondence or personnel selection.

Finally, a mention should be made about the unusual ability of citation indexes to serve as a tool in evaluating literary practices and the structure of scientific literature (*22–24*). Using citation data, networks of interconnected articles may be constructed to trace the history of a subject (*25,26*). Citation counts can also be used to determine the length of time that there is any interest in a given article or topic (*27*). The impact of individual articles as well as the emergence of "superclassic" papers can be studied with citation data (*28*).

FORMAL STUDIES OF CITATION INDEXING

A number of formal studies have been conducted on citation indexing, almost all of which have been based on the *SCI*. Barlup (*29*) describes a study to test allegations that *SCI* searches are "noisy," that is, that they retrieve a high percentage of irrelevant material. In this study, searches were conducted for a range of medical subjects. A team of physicians was used to assess relevance. It was found that 72% of the citing articles located were "closely or directly related in subject content to the cited article." About 22% were "slightly or indirectly related" and about 5% could be considered noise. Of the article found to be directly related to the cited article, about 10% were judged to have titles that did not indicate any relationship.

Spencer (*30*), Rieger (*31*), and Ghosh (*32*) have conducted studies that were mainly concerned with the comprehensiveness and/or the search speed of the *SCI* as compared with discipline-oriented indexes such as *Chemical Abstracts* and *Index Medicus*. On a topic that was clearly within the specialized field covered by *Index Medicus*, Spencer found that the SCI produced better results. Reiger found that the *SCI* was less efficient than *Index Medicus* on a subject that was primarily covered in Italian journals. On the other hand, Ghosh used the *SCI* to conduct a search on "hemorrhagic fever," a narrow field in which articles are almost entirely confined to Indian journals. In this case, the *SCI* produced a high retrieval efficiency.

Future Improvements and Applications

Several aspects of citation indexing require attention if it is to deliver its full potential in the future. Included in these are improvements in the mechanics of the system itself as well as the conception, investigation, and development of new applications.

CITATION PRACTICES OF AUTHORS

One of the most obvious areas for improvement in citation indexing systems is the citation practices of authors themselves. Some scientific articles have hundreds of references; others have none at all. Part of the reason for such disparity in the number of references is the great difference in quality, not only in articles, but also in the journals that publish them. Many authors, editors, and referees are quite meticulous in ensuring that an article includes a comprehensive set of references. For some articles, especially in the less scholarly journals, the references may be inadequate or nonexistent. Information scientists and others have discussed this problem at length, although most of their suggestions are aimed at improving the author's awareness of the value of good citation habits (*33*). Garfield went a step further and discussed the possibilities of an automatic system in which a computer could read an article and determine not only if the references provided are appropriate, but also what references are missing (*34*). Needless to say, such a system is not on the immediate horizon.

STORAGE REQUIREMENTS

A problem that confronts all types of indexes is the growing amount of space required to store the cumulated volumes. One obvious way to approach this is the use of microforms. The improving technology in this area has resulted in increased data storage capabilities through higher reduction ratios and larger magnifications in the optical system of the viewer. An optimized indexing system of the future may make use of remote access to time-shared computers for the current year's indexed material, printed books for three to four year cumulative indexes, and microforms for very large scale cumulative indexes (*35*).

Of course, putting large-scale cumulative indexes on microforms presupposes that such citation indexes are available. To date, this is not the case. It is, however, *ISI*'s announced goal to produce a citation index that will provide total retrospective coverage of the literature of the twentieth century. *ISI*'s plan is to produce this index in stages over the next decade.

ON-LINE ACCESS TO INDEXED DATA

As indicated, one of the logical developments for citation indexing would be to provide remote access to the indexed data. This would be similar to what is provided on a limited basis by the previously discussed project TIP. With such a system, a searcher would be able to sit before a computer console and do his bibliographic research by operating a keyboard linked to a computer with several billion stored characters. The required data would then be automatically printed out on a typewriter or teletype unit or displayed on a cathode ray tube. A perforated tape or set of punched cards could even be produced for use as input to another data processing system which could further refine or analyze the data obtained.

Surprisingly, the main deterrent to implementing such a system on a large scale is not the high cost of the computer. The cost of the computer would be shared by all the users in the network. Each subscriber, however, would have to bear the entire cost of the long distance telephone call required to access the computer. The telephone system is not yet organized so that you pay for the call only during the time you are actually using the computer; you also pay for waiting time. A time-shared computer works for someone else during the silent or thinking period of any one subscriber. You pay for the entire telephone call whether you are using the computer for the whole period or not.

EVALUATION OF SCIENTIFIC PERSONNEL

Although the *SCI* was originally designed to be a retrieval tool for use in library and information science work, there are indications that it will have important

applications as a tool for evaluating scientific personnel. By using the *SCI* data base, it is possible to count the number of citations to a given author. Although there are exceptions, frequently cited authors are usually those who have done the most important work in a given field (*36–39*).

For example, by using the *SCI* data base, it was possible to list the fifty most cited authors for 1967. Two of the 1969 Nobelists—Derek H. R. Barton and Murray Gell-Mann appeared on the list (*40*). Since there are over a million scientists in the world's population, producing a list of fifty that contains two Nobel prize winners is no small achievement. This is especially impressive since the list was compiled by a purely mechanical method which did not require reading the works of these men.

The ability of the citation index to measure the impact of a scientist's work has practical economic consequences. Research administrators could use such a tool as an aid in evaluating present scientific personnel or in hiring new people. Officers of various foundations could use it in awarding prizes, grants, fellowships, and other forms of research assistance.

MARKETING RESEARCH

Another possible use for the data used to compile the *SCI* is in marketing research. In the *Corporate Index* section of the *SCI*, new papers are listed under the companies where the work was performed. Proper analysis of the published information could give a good indication of the type of equipment or supplies needed by a company to conduct its research work. This could be especially valuable information, for example, to a scientific instrument manufacturer trying to anticipate the needs of potential or existing customers.

Conclusion

When citation indexes for scientific literature were first introduced, they were considered supplements to traditional subject indexing methods (*41*). Time has made it clear, however, that citation indexes that are comprehensive and timely are entitled to be considered as independent, fully integrated, library and information science tools. Further, citation indexes can now perform important evaluative, analytical, and predictive roles that were never imagined for subject indexes.

It seems likely, then, that given the right amount of attention and constructive criticism, citation indexing will continue to grow in usefulness and acceptance in the scientific, academic, and industrial communities.

REFERENCES

1. D. J. de S. Price, *Little Science, Big Science*, Columbia Univ. Press, New York, 1963, pp. 8–15.
2. C. P. Bourne, *Methods of Information Handling*, Wiley, New York, 1963, pp. 1–12.
3. K. Tietze, "On the Problems of Seasonal Fluctuations in the Dates of Birth and Conception," *Therapie der Gegenwart*, 102, 955–962 (1963).
4. *Index Medicus, 1964 (Cumulated)*, 5(IV), American Medical Association, 1965, p. S-2966.
5. E. Garfield, "A Unified Index to Science," in *Proceedings of the International Conference on Scientific Information*, Vol. 1, National Academy of Sciences–National Research Council, Washington, 1959, pp. 461–469.
6. W. C. Adair, "Citation Indexes for Scientific Literature?", *Amer. Doc.*, 6, 31–32 (1955).
7. E. Garfield, "Citation Indexes for Science," *Science*, 122(3159), 108–111 (1955).
8. I. H. Sher and E. Garfield, "The Genetics Citation Index Experiment," in *Proceedings of the American Documentation Institute, 26th Annual Meeting*, American Documentation Institute, Chicago, 1963, pp. 63–64.
9. J. W. Tukey, "Keeping Research in Contact with the Literature: Citation Indexes and Beyond," *J. Chem. Doc.*, 2, 34–37 (1962).
10. B.-A. Lipetz, "The Effect of a Citation Index on Literature Use by Physicists," in *Proceedings 1965 Congress of the International Federation for Documentation*, Spartan Books, Washington, 1966, pp. 107–117.
11. M. M. Kessler, "The MIT Technical Information Project," *Phys. Today*, 18(3), 28–36 (1965).
12. F. L. Alt and R. A. Kirsch, "Citation Searching and Bibliographic Coupling with Remote On-Line Computer Access," *J. Res. Nat. Bur. Stand., B*, 72B(1), 61–78 (1968).
13. I. H. Sher, E. Garfield, and A. W. Elias, "Control and Elimination of Errors in ISI Services," *J. Chem. Doc.*, 6(3), 132–135 (1966).
14. E. Garfield, "Citation Indexing, Historio-Bibliography, and the Sociology of Science," in *Proceedings of the III International Congress of Medical Librarianship*, Excerpta-Medica Foundation, Amsterdam (1969).
15. A. E. Cawkell, "Search Strategies Using the *Science Citation Index*," in *Computer Based Information Retrieval Systems* (B. Houghton, ed.), Bingley, London, 1968, pp. 27–44. See also: "Current Comments," *Current Contents Life Sciences*, 12(44), 89–103 (1969); "Current Comments," *Current Contents Physical Sciences*, 9(44), 89–103 (1969); "Current Comments," *Current Contents Chemical Sciences*, 3(45), 49–63 (1969); "Current Comments," *Current Contents Education*, 1(41), 33–47 (1969); and "Current Comments," *Current Contents Behavioral, Social & Management Sciences*, 1(34), 41–56 (1969).
16. S. C. Bradford, "Complete Documentation," in *Report of the Royal Society Empire Scientific Conference*, London, 1946, pp. 729–748.
17. B. C. Brooks, "Bradford's Law and the Bibliography of Science," *Nature*, 224(5223), 953–956 (1969).
18. S. Keenan and P. Atherton, *The Journal Literature of Physics*, Report No. AIP/DRP PA1, American Institute of Physics, New York, 1964, 156 pp.
19. E. Garfield and G. Foeman, "Statistical Analyses of International Chemical Research by Individual Chemists, Languages, and Countries," paper presented at the American Chemical Society, Division of Chemical Literature Meeting, Chicago, 1964.
20. D. J. de S. Price, "Is Technology Historically Independent of Science? A Study in Statistical Historiography," *Technol. Culture*, VI(4), 553–568 (1965).
21. ISI intends to release these and other data during 1970 in the form of a *Journal Citation Index* (*JCI*). The *JCI* will show how often each of 2200 journals cite each other as well as how often they cite any of the estimated 25,000 other journals in existence.
22. E. Garfield and I. H. Sher, "New Factors in the Evaluation of Scientific Literature through Citation Indexing," *Amer. Doc.*, 14(3), 195–201 (1963).
23. E. B. Parker, W. J. Paisley, and R. Garrett, "Bibliographic Citations as Unobtrusive Measures of Scientific Communication," Institute for Communication Research, Stanford University, Stanford (1967).
24. R. D. Whitley, "Communication Nets in Science: Status and Citation Patterns in Animal Physiology," *Sociological Rev.*, 17(2), 219–233 (1969).

25. E. Garfield, I. H. Sher, and R. J. Torpie, "The Use of Citation Data in Writing the History of Science," Institute for Scientific Information, Philadelphia, 1964, 76 pp.
26. E. Garfield and I. H. Sher, "Diagonal Display—A New Technique for Graphic Representation of Complex Topological Networks," Final report to U.S. Air Force, Office of Scientific Research under Contract AF 49(638)-1547, Institute for Scientific Information, Philadelphia, 1967, 94 pp. See also: E. Garfield and M. V. Malin, "Diagonal Display—A New Technique for Graphic Representation of Network Diagrams," in *1969 Transactions of the American Association of Cost Engineers, 13th National Meeting*, Pittsburgh, 1969, American Association of Cost Engineers, Alabama University, pp. 222–232.
27. J. Margolis, "Citation Indexing and Evaluation of Scientific Papers," *Science*, **155**(3767), 1213–1219 (1967).
28. D. J. de S. Price, "Networks of Scientific Papers," *Science*, **149**(3683), 510–515 (1965).
29. J. Barlup, "Mechanization of Library Procedures in the Medium-Sized Medical Library (Relevancy of Cited Articles in Citation Indexing)," *Bull. Med. Lib. Assoc.*, **57**(3), 260–263 (1969).
30. C. C. Spencer, "Subject Searching with *Science Citation Index:* Preparation of a Drug Bibliography Using *Chemical Abstracts, Index Medicus,* and *Science Citation Index*," *Amer. Doc.*, **18**(2), 87–96 (1967).
31. L. A. Rieger, "Subject Searching with the *Science Citation Index, Chemical Abstracts,* and *Index Medicus* in the Preparation of a Drug Bibliography," paper presented at a symposium of the Pharmaceutical Division of the Special Libraries Association, Los Angeles, 1968. Submitted for publication in *Amer. Doc.*
32. J. S. Ghosh, "Literature Searching with the *Science Citation Index;* an Experimental Study," *Ann. Lib. Sci. Doc.*, **14**(3), 133–142 (1967).
33. D. J. de S. Price, "On the Side of Citations," letter, *Agr. Eng.*, **5**(2), 94 (1970).
34. E. Garfield, "Can Citation Indexing Be Automated?" in *Statistical Association Methods for Mechanized Documentation: Symposium Proceedings* (M. E. Stevens, V. E. Giuliano, and L. B. Heilprin, eds.), National Bureau of Standards, Washington, D.C., Miscellaneous Publication No. 269, 1965, pp. 189–192.
35. E. Garfield, "World Brain or Memex? Mechanical and Intellectual Requirements for Universal Bibliographic Control," in *The Foundations of Access to Knowledge* (E. B. Montgomery, ed.), Syracuse Univ. Press, Syracuse, 1968, pp. 169–196.
36. A. E. Bayer and J. Folger, "Some Correlates of a Citation Measure of Productivity in Science," *Sociology of Educ.*, **39**(4), 382–390 (1966).
37. S. Cole and J. R. Cole, "Scientific Output and Recognition: A Study in the Operation of the Reward System in Science," *Amer. Sociological Rev.*, **32**(3), 377–390 (1967).
38. J. P. Martino, "Research Evaluation Through Citation Indexing," *AFOSR Research*, AD 659 366 (D. Taylor, ed.), USAF Office of Aerospace Research, Arlington, 1967, pp. 226–227.
39. E. Garfield, "Citation Indexing for Studying Science," *Nature*, 227, 669–671 (1970).
40. E. Garfield and M. V. Malin, "Can Nobel Prize Winners be Predicted?" Paper presented at 135th Meeting, AAAS, Dallas (1968).
41. E. Garfield, *"Science Citation Index*—A New Dimension in Indexing," *Science*, **144**(3619), 649–654 (1964).

BIBLIOGRAPHY

Abelson, P. H., "Coping with the Information Explosion," Editorial, *Science*, **154**(3745), 75 (1966).

Bottle, R. T., "Abstracts, Reviews and Bibliographies as Keys to the Literature," in *The Use of Biological Literature* (R. T. Bottle and H. V. Wyatt, eds.), Archon Books, Butterworth, London, 1967, pp. 33–57.

Cawkell, A. E., "Using References to Retrieve Current Articles," *Radio Electronic Eng.*, **35**(6), 352–353 (1968).

Dorr, H. A., and I. H. Sher, "The Science Citation Index System and Pharmaceutical Education," *Amer. J. Pharm. Educ.*, **32**(2), 177–188 (1968).

Garfield, E., "Breaking the Subject Index Barrier—a Citation Index for Chemical Patents," *J. Patent Office Soc.*, **39**(8), 583–595 (1957).

Garfield, E., "Citation Indexing: a Natural Science Literature Retrieval System for the Social Sciences," *Amer. Behavioral Sci.*, **7**(10), 58–61 (1964).

Garfield, E., "Science Citation Index—Answers to Frequently Asked Questions," *Rev. Int. Doc.*, **32**(3), 112–116 (1965).

Garfield, E., "Patent Citation Indexing and the Notions of Novelty, Similarity, and Relevance," *J. Chem. Doc.*, **6**(2), 63–65 (1966).

Garfield, E., "The Role of the Medical Librarian in SDI Systems," *Bull. Med. Lib. Assoc.*, **57**(4), 348–351 (1969).

Giuliano, V. E., "Analog Networks for Word Association," *IEEE Trans. Military Electronics*, MIL-7(2&3), 221–234 (1963).

Hayman, M., and R. Peskin, "Need of the Research-Oriented Psychiatrist for Information Retrieval," *Diseases Nervous System*, **28**(12), 798–803 (1967).

Malin, M. V., "The *Science Citation Index:* A new Concept in Indexing," *Lib. Trends*, **16**(3), 374–387 (1968).

Martyn, J., "An Examination of Citation Indexes," *Aslib Proc.*, **17**(6), 184–196 (1965).

Martyn, J., "Citation Indexing," *The Indexer*, **5**(1), 5–15 (1966).

Sher, I. H., and E. Garfield, "New Tools for Improving and Evaluating the Effectiveness of Research," presented at the Second Conference on Research Program Effectiveness, Washington (1965); published in *Research Program Effectiveness*, Gordon and Breach, New York, 1966, pp. 135–146.

Conventions Used in the Source Index

AUTHORS' NAMES

The elements of compound names are fused; hyphens in compound names are dropped before fusing. Thus, *H. Avery Jones* appears as *AVERYJONES H; J. Smith-Wright,* as *SMITHWRIGHT J.* Conjunctions in compound names are not dropped; thus, *Jose Perez y Mendez* will appear as *PEREZYMENDEZ J.*

The treatment of particles in proper names is a difficult problem; in general the style of the author himself is followed, as far as it is possible to determine it. In general, this means that capitalized particles are treated as part of the last name and fused; non-capitalized particles are not considered part of the last name, and the initial letter of the particle, or of the first of several particles, will appear as an initial. Thus, *Robert La Follette* would appear as *LAFOLLETTE R;* while *Hermann Ludwig von Helmholtz* would appear as *HELMHOLTZ HLV.* The particles of Dutch names, whether capitalized or not, are generally considered part of the last name and are fused. Where there are particles of which some other than the first is capitalized, as in *Robert de La Salle,* the last name begins with the capitalized particle which is fused; thus *LASALLE RD.*

Names of religious are provided with an arbitrary X which appears as a second initial following the initial of the author's religious title. Thus, *Sister Mary Theresa* would appear as *MARYTHERESA SX; Mother Joseph Martyr* would appear as *JOSEPHMARTYR MX.*

VOLUME AND PAGE

Note that whenever letters are presented with volume or page numbers the alphabetical information always precedes the numbers.

In the source page field

S - signifies supplement

U - signifies unnumbered pages and the nearest numbered page is indicated

R - indicates a Roman numeral page converted here to Arabic numerals

ARTICLE TITLES

In transcribing the titles of articles, diacritical marks are ignored, and the article "the" is dropped. With one exception, all punctuation, such as semicolons, colons, question marks, etc., used to indicate a break between parts of a title is replaced by a dash preceded and followed by a space. When a numeral is used to indicate a subtitle of one of a series of articles, the numeral is retained, preceded and followed by a period (in such cases, Roman numerals are replaced by their arabic equivalents). All other punctuation marks, except where used in technical notation, are dropped. Spelled out cardinals and ordinals are replaced by arabic numbers, with the exception of "first". Greek letters, whether standing alone or in technical notation, are spelled out.

When processing source article, the conventions adopted in this index are:

	represents	
▼▼		Squared brackets
←		Arrow to the left
→		Arrow to the right
/		Asterisk
–		Minus sign, hyphen, dash or colon
=		Equal sign, double, triple bonds. etc., e.g., HC≡CH becomes HC=CH
BAR		Super bar, e.g., $\overline{K}$ becomes KBAR
DEGREES		Degree symbol, e.g., 32°C. becomes 32 DEGREES C.
A–4		A minus 4, or A^{-4}
A4		A4, or A_4, or A^4
CU65(P,PN)CU64		Superscript terms, e.g., Cu^{65} (p,pn)Cu^{64}
BETAN		Subscript terms, e.g., β_n
NA23/40		Super- and subscript terms, e.g., Na^{23}_{40}

TYPE OF SOURCE ITEM

Each source item in the *Source Index* is categorized by an arbitrary code appearing immediately after the source year. Since they are the most frequent, a blank code is given for those source items which are the usual type of original article, report, or paper. The codes for other types of sources are:

A - *Abstracts*--identifies a journal feature containing abstracts of items published elsewhere

C - *Corrections* of previously published material; includes errata

D - *Discussions* involving several people; includes post-paper discussions, round table symposia clinical conferences, etc

E - *Editorials* and nondescript editorial-like items, such as addresses by chairmen of societies, descriptions of the results of a meeting, etc.

I - *Individuals*--items such as substantive obituaries, awards, tributes, biographies, etc

L - *Letters,* letters to the editor, communications, preliminary communications and similar correspondence

M - *Meetings*--items reported in proceedings from meetings

N - *Notes*--the type of brief article so designated by the journal including some communications

Q - *Bibliography* for SCI supplied after primary publication by source author

R - *Reviews,* certain bibliographies and surveys

Basic Search Technique

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1 *Begin with a work on the subject known to be pertinent. . . .*

2 *Enter the appropriate Citation Index Section and find a list of current works which cite the starting reference*

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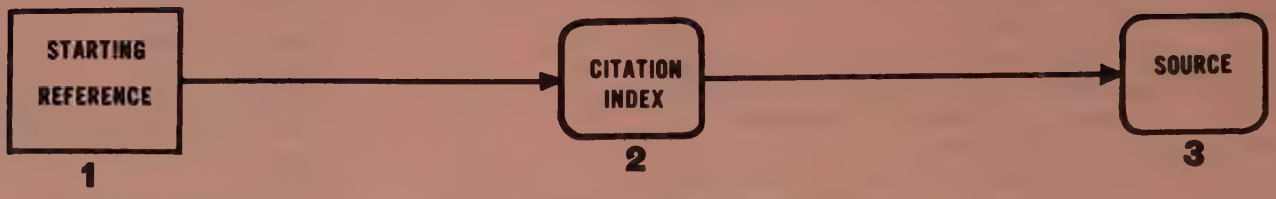

Note: If for any reason the procedure described above does not fulfill your searching objective, refer to the diagram given below for alternative procedures

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Additional Searching Methods

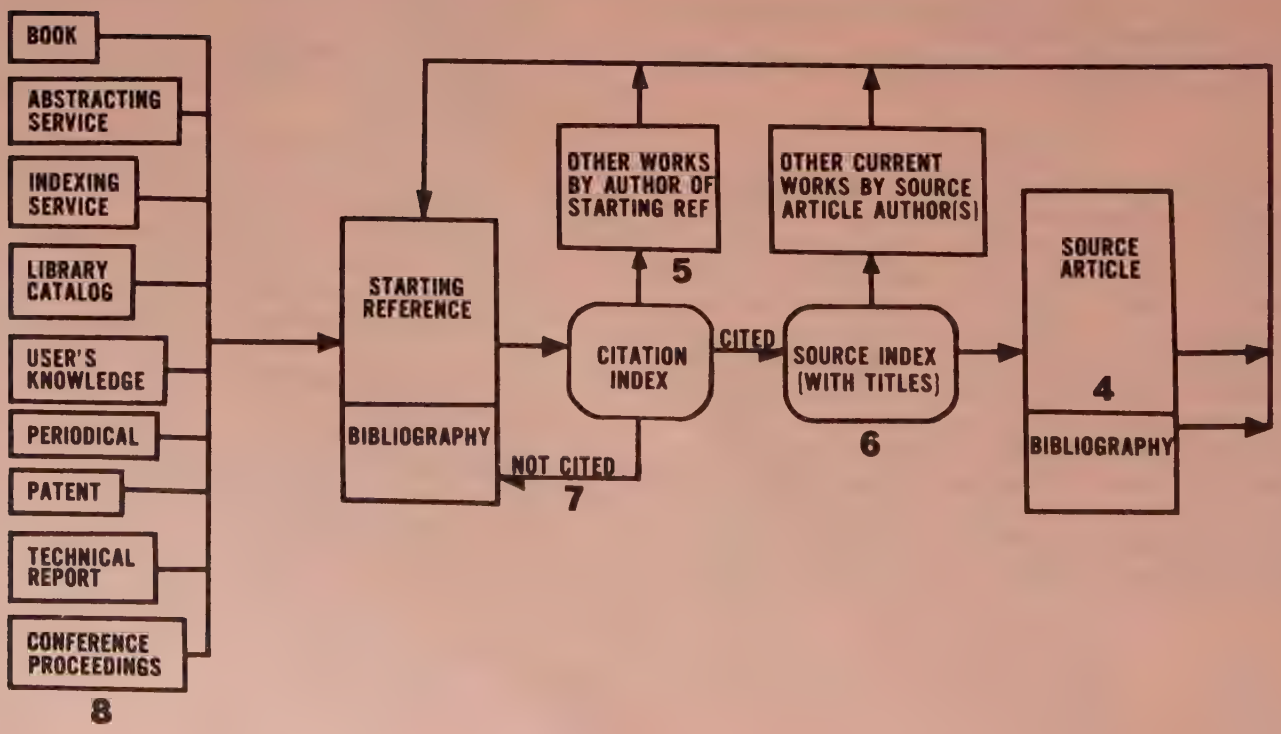
4 *If you wish to extend the search, you may use the source article retrieved or a reference from its bibliography as a new starting reference.*

5 *The author of your starting reference may have written other works which are cited. These may also be used as starting references.*

6 *The titles of the source articles which cite the starting reference will indicate the main theme of the citing article. The Source Index may also reveal additional current works on the subject of your search by the same author. You may also be led to other pertinent works where he was co-author.*

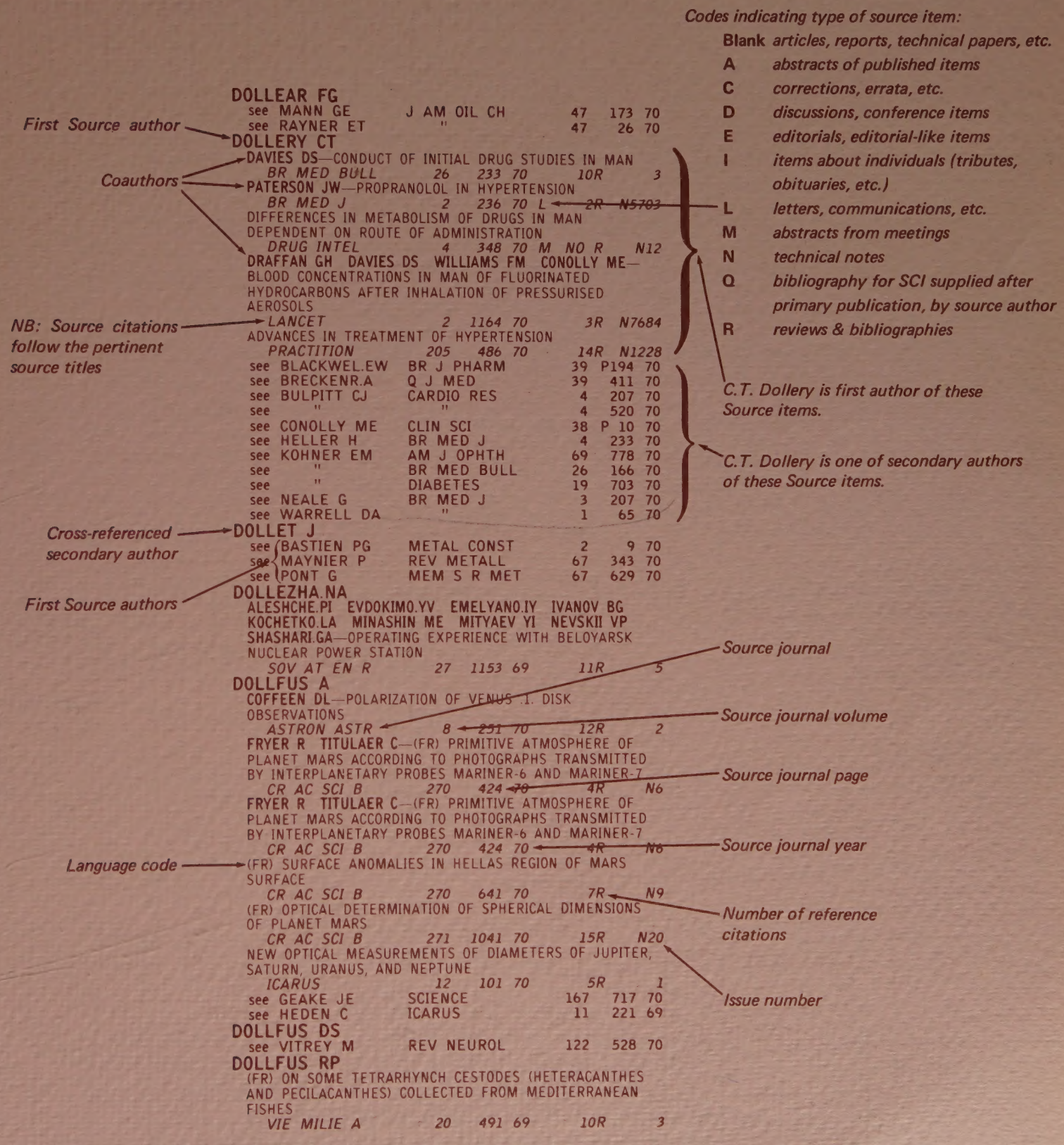
7 *If your starting reference is not cited, select pertinent references from its bibliography.*

8 *If you do not have a starting reference use one of these reference resources.*



Source Index

locate a full description of a source item, look up the first author. Under a given name, journal articles of primary authorship are described t. Items of secondary authorship follow. These are cross-referenced to the first author whose name follows the word SEE.



1970

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